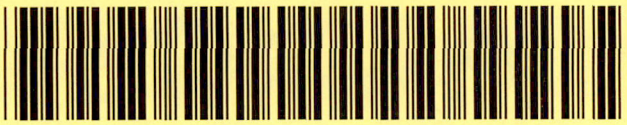
1234IHSSF3445



DocumentID NONCD0002864

Site Name CONSIGNMENT FURNITURE

DocumentType Correspondence (C)

RptSegment

DocDate 4/20/2009

DocRcvd 4/20/2009

Box SF3445

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

NCDENR
North Carolina Department of Environment and Natural Resources
Dexter R. Matthews, Director
Division of Waste Management
Michael F. Easley, Governor
William G. Ross Jr., Secretary

April 20, 2009

Mr. Alex Kroustalis
Cup and Saucer Properties
5369 Larch Court
Winston-Salem, NC 27104

Re: **Site Cleanup Questionnaire and Report of Limited Groundwater Investigation**-599 South Stratford Road, Winston-Salem, Forsyth County, NC, IHSB Inventory No. NONCD0002864

Dear Mr. Kroustalis:

We are in receipt of the above referenced report as received in the Winston-Salem Regional Office on April 1, 2009. Based upon our review of the findings of this report, we are in agreement that there does appear to be at least one and possibly more offsite sources for the chlorinated solvent contamination on your property.

The presence of the $1.50 Cleaners being located directly west of the subject site is suggestive of one potential source for the contaminants of concern. We have contacted personnel in the Superfund Dry-Cleaning Solvent Cleanup Act (DSCA) Program regarding the presence of the tetrachloroethene (PCE) detected in the monitoring wells that were installed during the February 17, 2009 groundwater investigation. The DSCA Program personnel will determine whether a dry cleaning facility will need to be investigated as a potential source for the PCE.

Because there does appear to be an offsite source, the Inactive Hazardous Sites Branch WSRO will not require you to perform further investigations at this time. The site file, however, will remain open, as there is no identifiable responsible party at the present time.

If you have additional questions about the requirements that apply to your site, please contact us at (336) 771-5281.

Sincerely,

Collin Day

Collin Day
Hydrogeologist

cc: M. Alex McGilvary, Geoscience and Technology, P.A.
2050 Northpoint Drive, Suite A
Winston-Salem, NC 27106
WSRO Files

NCDENR
North Carolina Department of Environment and Natural Resources
Dexter R. Matthews, Director Division of Waste Management Michael F. Easley, Governor
William G. Ross Jr., Secretary

January 9, 2009

CERTIFIED MAIL 7005 1160 0004 7952 0889
RETURN RECEIPT REQUESTED

Lilian Kroustalis
1251 Yorkshire Road
Winston-Salem, NC 27106-5451

Re: **NOTICE OF REGULATORY REQUIREMENTS FOR CONTAMINANT ASSESSMENT AND CLEANUP**-599 South Stratford Road, Winston-Salem, Forsyth County, NC, IHSB Inventory No. NONCD0002864

Dear Ms. Kroustalis:

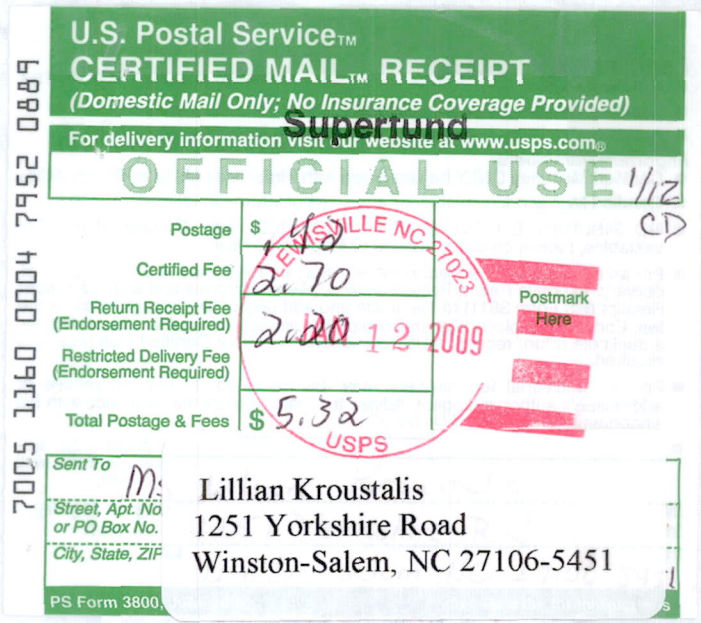
We are in receipt of a memorandum that serves as a project referral of the above referenced site to the Winston-Salem Regional Office (WSRO). This memorandum, as sent to our office from the Division of Waste Management Underground Storage Tank Section, concerns the issue of chlorinated hydrocarbon contaminants in groundwater under the subject site. Since these hydrocarbons are of a non-petroleum nature and are believed to have not originated from an underground storage tank (UST) source, they will not be addressed under any of the current UST programs. We have reviewed the reports that have accompanied the memorandum from the UST Section and note that your site has been contaminated by substances that have affected soil and/or groundwater quality in excess of state regulatory standards.

More specifically, the groundwater samples collected during the previous site investigations, detected elevated levels of tetrachloroethene, chloroform and chloromethane in excess of the maximum allowable concentrations established by North Carolina Administrative Code Title 15A 2L .0202. Consequently, you are required to assess and cleanup the contamination under one or more cleanup authorities. Regulatory oversight for the assessment and cleanup under all applicable authorities will be provided by the Division of Waste Management through its Superfund Section, Inactive Hazardous Sites Branch ("Branch").

Based on information provided to date, the Inactive Hazardous Sites Response Act ("IHSRA"), codified under N.C. Gen. Stat. § 130A-310, et seq., applies to your site. In addition, initial immediate actions may be required under 15A NCAC 2L, Groundwater Classifications and Standards.

I. ACTIONS REQUIRED AT THIS TIME:

Complete the Site Cleanup Questionnaire.
To comply with the requirements of State law, a Site Cleanup Questionnaire, available on the website noted at the end of this letter, must be completed and returned to the WSRO. The information you provide will be reviewed along with other information to prioritize the site, so please make certain that the information you provide is complete and accurate. Please note that your failure to inform the Branch of any nearby potable wells or other high-risk conditions may adversely affect the Branch's ability to identify this site as a higher-risk site.



U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
Superfund
OFFICIAL USE
1/12
CD

7005 1160 0004 7952 0889

Postage	$ 1.58
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 5.32

CHARLOTTESVILLE NC 27023
DEC 12 2009
USPS
Postmark Here

Sent To Ms
Street, Apt. No or PO Box No.
City, State, ZIP

PS Form 3800

Lillian Kroustalis
1251 Yorkshire Road
Winston-Salem, NC 27106-5451

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lillian Kroustalis
1251 Yorkshire Road
Winston-Salem, NC 27106-5451

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Lillian Kroustalis

C. Date of Delivery 1-14-09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

7005 1160 0004 7952 0889

1/12 C.D.

PS Form 3811, February 2004 Domestic Return Receipt 1-15-09 DC 102595-02-M-1540

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

NC DENR - Collin Day
DWM - SUPERFUND - IHSB
585 WAUGHTOWN STREET
WINSTON-SALEM, NC 27107-2241

Take Initial Abatement Actions Required Under 15A NCAC 2L.
If you have not already done so, you must take the initial abatement actions required under 15A NCAC 2L. Pursuant to 15A NCAC 2L .0106(b), any person conducting or controlling an activity which results in the discharge of a waste or hazardous substance to the groundwaters of the State, or in proximity thereto, shall take immediate action to terminate and control the discharge, and mitigate any hazards resulting from exposure to the pollutants. Pursuant to 15A NCAC 2L .0106(c), if groundwater standards have been exceeded, you must take immediate action to eliminate the source or sources of contamination. Beyond initial abatement actions, all assessment and remediation will be done through the IHSRA.

II. FUTURE ASSESSMENT AND CLEANUP ACTIVITIES:

All correspondence regarding this site should be sent to the Branch. Future assessment and cleanup activities (activities conducted after the initial abatement steps required in 15A NCAC 2L) may be conducted through the Voluntary Cleanup Program (discussed below) or pursuant to an Order issued under N.C. Gen. Stat. § 130A-310.3. In addition, if you choose not to conduct a cleanup through the Voluntary Cleanup Program, the site may be referred to the United States Environmental Protection Agency ("EPA"). If so referred, EPA will screen the site for Federal enforcement action under the Federal Superfund Program, established under the Comprehensive Environmental Responsibility, Compensation, and Liability Act ("CERCLA").

III. VOLUNTARY CLEANUP PROGRAM:

Under the IHSRA, persons who move forward to assess and remediate contamination, without being compelled to do so through formal legal action filed against them, are called "volunteers." To participate in the voluntary cleanup program, you will be required to enter into an administrative agreement with the Branch. The voluntary cleanup will proceed through the Registered Environmental Consultant Program or under direct oversight by the Branch Staff, as discussed below:

Agreement to Conduct Assessment and Remediation Through the Registered Environmental Consultant Program.
The Branch has a privatized oversight arm of the voluntary cleanup program known as the Registered Environmental Consultant ("REC") program. Based on the responses provided on the questionnaire (degree of hazard and public interest in the site), the Branch will determine whether a staff person or an REC will perform the oversight and approval of your assessment and cleanup action. Please note that having one or more of the conditions identified on the questionnaire does not necessarily preclude the site for qualifying for an REC-directed cleanup action.

Under the REC program, the volunteer hires an environmental consulting firm, which the State has approved as having met certain qualifications, to implement a cleanup and certify that the work is being performed in compliance with regulations. In other words, the REC's certifications of compliance are in place of direct oversight by the Branch. Details of the REC program can be found at http://www.wastenotnc.org/sfhome/recprog.htm. If you have any questions specific to the REC Program, including how to participate, please contact the REC Program Manager, Kim Caulk, at (919) 508-8451.

Agreement to Conduct Assessment and Remediation Under State Oversight.
If the Branch determines that the site should be assessed and remediated pursuant to direct State oversight, it will not be eligible for a REC-directed cleanup. Rather, the remedial action will receive direct oversight by Branch staff.

IV. FAILURE TO RESPOND:

If we do not receive a completed questionnaire, the Branch will take further action to prioritize the site without your input. Failure to take the initial abatement steps required in 15A NCAC 2L may result in the assessment of a civil penalty against you. In addition, the Branch may seek an injunction compelling compliance with the initial abatement steps required in 15A NCAC 2L. For future work beyond the initial abatement steps required pursuant to 15A NCAC 2L, a unilateral Order may be issued pursuant to § 130A-310.3 to compel assessment and cleanup.

V. ADDITIONAL INFORMATION REGARDING THE IHSRA AND THE BRANCH:

People are often confused by the name of the Inactive Hazardous Sites Response Act and the Branch. By definition, "Inactive Hazardous Sites" are any areas where hazardous substances have come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" simply refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. Additional information about the Branch may be found at http://www.wastenotnc.org/sfhome/ihsbrnch.htm.

Submit completed the completed questionnaire to our attention at the letterhead address. If you have additional questions about the requirements that apply to your site, please contact us at (336) 771-5281.

Sincerely,

Collin Day

Collin Day
Hydrogeologist

cc: Greg Force, Force Environmental Services
147 Vera Road, Suite F
Lexington, SC 29072
WSRO Files

Memorandum

To: Charlotte Jesneck

From: Collin Day

Date: 12/10/2008

Re: New Site-Consignment Furniture, Forsyth County, NC

Charlotte:

We are attaching, with this memorandum, the completed copy of the IHSB SITETRACK NEW site form for the above referenced site. Based upon the information submitted to the IHSB, there does not appear to be a responsible party that can be easily identifiable. It is known, however, that the area is in a commercially zoned region of Winston-Salem with municipal water being readily available. Based upon our knowledge from other sites near the area, the presence of water supply wells should not be an issue of concern. Consequently, the site can go into the REC program should the identity of a responsible party be determined.

For your review, we have also enclosed copies of the initial items of correspondence that notified you about the PCE contamination at the site. These items, as sent from the UST Section, are dated December 18, 2007 and March 25, 2008, respectively. A new site letter, dated February 28, 2008, was sent to the property owner by personnel in the Mooresville Regional Office. During October 2008, we received the site file in order that it could be further tracked in the WSRO. As of yet, there has been no response from the property owner to the original new site letter. We have, therefore, issued a second letter to Ms. Lilian Kroustalis, who is the current property owner.

Print Form

Staff Name: Collin Day

Inactive Hazardous Sites Tracking Data Entry

Always enter ID# and site name. Otherwise, only enter new information/changes.

ID#: _____ **Site Name:** Consignment Furniture

Site Address: 599 S. Stratford Road **Site City:** Winston-Salem, NC 27104

Site County: Forsyth

Process Code: OT **Residence on Site?** Yes ☐ No ☒

Distance to Nearest Water Source Well: > 1/4 mile ☒ No Information ☐ < 1/4 mile ☐

Distance to SW Intake (Drinking): > 1/4 mile ☒ No Information ☐ < 1/4 mile ☐

Coordinates: **Latitude:** 36.086080743 **Longitude:** 80.290298555

[NAD83, Decimal-degrees-fifth order]

Geolocation Method:

- ☐ Registered Land Surveyor
- ☐ GPS Survey Grade Corrected
- ☐ GPS Survey Grade Not Corrected
- ☒ GPS Mapping Grade Corrected
- ☐ GPS Mapping Grade Not Corrected
- ☐ GPS Recreational Grade
- ☐ On Screen Placement on Georeferenced Map
- ☐ Hard Copy Map
- ☐ Geocoding (address match)
- ☐ Supplied by others (unsubstantiated)
- ☐ Unknown

Inventory Categories: *(*If "Yes," site cannot be in more than one category.)*

SPL*	☐	SPL SCORE _____	
Voluntary (AA)*	☐		
Evaluation Pending*	☐		
No Further Action*	☐		
NFA - Restricted Use*	☐		
Non-HS Site - Open	☐		
Non-HS Site - NFA	☐		
Non-HS Site - NFA Restricted Use	☐		

Select these categories only if agency addressing all site contamination.

Solid Waste Lead	☐
Non-NPL EPA Superfund/DOD Lead	☐
NPL	☐
RCRA Non-TSD Lead	☐
TSD	☐
DRP Lead	☐
DSCA Lead	☐
UST Lead	☐
DWQ Lead	☐
Duplicate	☐

Contaminant Data: *(Based on laboratory detection.)*

	Groundwater	Soil	Surface Water	Sediment
Organics	☒	☐	☐	☐
Metals	☐	☐	☐	☐
Pesticides/Herbicides	☐	☐	☐	☐
Acids	☐	☐	☐	☐
Bases	☐	☐	☐	☐
Cyanide	☐	☐	☐	☐
Inorganics	☐	☐	☐	☐
Radioactive Constituents	☐	☐	☐	☐

Known/suspected Contamination (*Check only if no lab data*) ☐

Orders/AAs:

Instrument[1]	Docket #	Issued To (required if different from site name)	Medium/ Area Covered (default = entire site)	Effective Date	Instrument Withdrawn?	Work Completed Date	Staff Contact

1 - Instruments: AA-REC, Administrative Agreement, Assessment Order, Cleanup Order, Imminent Hazard Order, Public Nuisance Order, Recordation Order

Recorded Notices/DPLURs

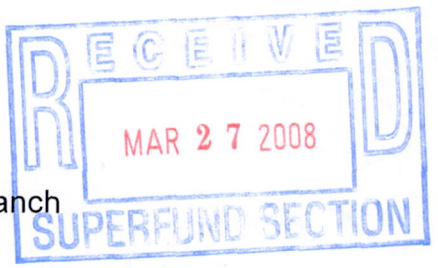
Instrument (Enter DPLUR or Notice)	Property[2]	Date Recorded	Recorded By (Enter State or Owner) [Notice Only]	Replaces Previous Y/N	Annual Certification Date [DPLUR Only]	Date Canceled	Pursuant to Recordation Order Y/N [Notice Only]

2 - Enter owner's name. Add tract #s or other designation if multiple properties recorded for the same owner.

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



MEMORANDUM

To: Charlotte Jesneck, Head, Inactive Hazardous Sites Branch

From: George Matthis, Head, Trust Fund Branch

Date: March 25, 2008

RE: Project Referral
Former Foodcraft Equipment Facility
599 South Stratford Drive
Winston-Salem, NC
UST Incident #13869

The UST Section of the Division of Waste Management conducted a Phase I Limited Site Assessment at the referenced property. A copy of the Phase I Limited Site Assessment report is attached. Petroleum hydrocarbons were not detected at the site above applicable standards and the UST Section has issued a "no further action" determination for the petroleum release at the site. However, groundwater samples collected at the site contained chlorinated compounds at concentrations exceeding the NCAC 2L Standards. Therefore, the project is being referred to the Inactive Hazardous Sites Branch.

If you have any questions, please contact me at 919-733-1312.

C: Cindy Rintoul, WSRO
Robert Davies, UST Section CO

Division of Waste Management / UST Section
1637 Mail Service Center, Raleigh, NC 27699-1637
Phone: 919-733-8486 FAX: 919-733-9413
Internet: http://www.wastenotnc.org

Limited Site Assessment Report

A. Site Identification

DATE OF REPORT: 11/09/2007
Facility I.D.: 13869 UST Incident Number (if known): 13869
Site Name: Foodcraft Equipment
Site Location: 599 South Stratford Road
Nearest City/Town: Winston-Salem County: Forsyth

UST Owner: Pace Oil Company
Address: P.O. Box 15047, Winston-Salem, NC 27103 Phone:

UST Operator: Pace Oil Company
Address: P.O. Box 15047, Winston-Salem, NC 27103 Phone:

Property Owner: Jack and Lillian Kroustalis
Address: 1251 Yorkshire Road, Winston-Salem, NC 27106 Phone:

Property Occupants: Consignment Furniture Emporium, Inc.
Address: 599 South Stratford Road, Winston-Salem, NC 27103 Phone:

Consultant/Contractor: Force Environmental Service Company, LLC
Address: Phone:

Release Information
Date Discovered: 2/1/94
Latitude: 36°05'10" **Longitude:** 80°17'22"
Estimated Quantity of Release: unknown
Cause of Release: unknown
Source of Release (e.g., Piping/UST): unknown

Sizes and contents of UST system(s) from which the release occurred):
1 4,000-gallon gasoline UST

Complete and include in report items B through J in the order listed.

I, Raymond L. Knox, a Professional Engineer/Licensed Geologist (circle one) for (firm or company of employment), do certify that the information contained in this report is correct and accurate to the best of my knowledge.

(Please Affix Seal and Signature)

B. Risk Characterization

Submit the following questionnaire in its entirety. Answer all questions completely. Attach additional pages as needed to fully explain answers. Base answers/explanations on information known or required to be obtained during the Limited Site Assessment.

NOTE: *Source area means point of release from a UST system.*

Limited Site Assessment Risk Classification and Land Use Form

Part I – Groundwater/Surface Water/Vapor Impacts

High Risk

1. Has the release contaminated any water supply well including any well used for non-drinking purposes? YES (NO)
2. Is a water supply well used for drinking water located within 1,000 feet of the source area of the release? YES (NO)
3. Is a water supply well not used for drinking water (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release? YES (NO)
4. Does groundwater within 500 feet of the source area of the release have the potential for future use (there is no other source of water supply other than the groundwater)? YES (NO)
5. Do vapors from the release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment? YES (NO)

   If yes, describe.

   _____

   _____

   _____

6. Are there any other factors that would cause the release to pose an imminent danger to public health, public safety, or the environment? YES (NO)

   If yes, describe.

   _____

   _____

Intermediate Risk

7. Is a surface water body located within 500 feet of the source area of the release? YES (NO)

   If YES, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10? YES (NO)
8. Is the source area of the release located within a approved or planned wellhead protection area as defined in 42 USC 300h-7(e)? YES (NO)

   If yes, describe.

   _____

   _____
9. Is the release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985? YES (NO)

   _____

   _____

   If YES, is the source area of the release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water? YES/NO

   If YES, describe.

   _____

   _____

10. Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels (see Table 9) established by the Department? YES/NO

Part II - Land Use

Property Containing Source Area of Release

The questions below pertain to the property containing the source area of the release.

1. Does the property contain one or more primary or secondary residences (permanent or temporary)? YES/NO
   Describe.
   _____
   _____
2. Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly? YES/NO
   Describe.
   _____
   _____
3. Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped? YES/NO
   Describe. The property is occupied by Consignment Furniture Emporium, Inc.
   _____
4. Do children visit the property? YES/NO
   Explain. The property is utilized as a retail business; therefore children may be present at times.
   Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)? YES/NO
   Explain.
   Fences exist on the western, eastern, and southern property boundaries.
5. Do pavement, buildings, or other structures cap the contaminated soil? YES/NO
   Describe. Most of the site is covered by asphalt or gravel, restricting the chances for exposure to the surface soils.
   If yes, what mechanisms are in place or can be put into place to ensure that the contaminated soil will remain capped in the foreseeable future?
   The capped areas of the site are used for parking and driveways and will continue to need to be covered for the retail business.
6. What is the zoning status of the property? The site is zoned as LB-S, meaning Limited Business
7. Is the use of the property likely to change in the next 20 years? YES/NO
   Explain.
   _____
   _____

Property Surrounding Source Area of Release

The questions below pertain to the area within 1,500 feet of the source area of the release (excludes property containing source area of the release):

1. What is the distance from the source area of the release to the **nearest** primary or secondary residence (permanent or temporary)? The nearest residence is adjacent to the southwest and east
2. What is the distance from the source area of the release to the **nearest** school, daycare center, hospital, playground, park, recreation area, church, nursing home or other place of public assembly?
   A school is located approximately 1,300 feet east of the site and a park owned by the City of Winston-Salem is located approximately 1,300 feet east of the site.

3. What is the zoning status of properties in the surrounding area? residential and business

4. Briefly characterize the use and activities of the land in the surrounding area. The surrounding area is mixed residential and commercial.

C. Receptor Information

1. Water Supply Wells (Complete and attach Table B-5 and attach map showing well locations)

2. Public Water Supplies

Are public water supplies available within 1,500 feet of the source area of the release? YES/NO

If yes, where is the location of the nearest public water lines and the source(s) of the public water supply.(indicate on map) Describe.

3. Surface Water

Identify all surface water bodies (e.g., ditch, pond, stream, lake, river) within 1,500 feet of the source area of the release. This information must be shown on the USGS topographic map.

4. Wellhead Protection Areas

Identify all planned or approved wellhead protection areas (e.g., ditch, pond, stream, lake, river) within 1,500 feet of the source area of the release. This information must be shown on the USGS topographic map. Wellhead protection areas are defined in 42 USC 300h-7(e).

5. Describe Deep Aquifers in the Coastal Plain Physiographic Region *(refer to page 19 of the guidelines):*

NOTE: *This requirement only pertains to releases in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985.*

A tributary for the Salem Creek is located approximately 1,000 feet southeast of the subject site.

6. Describe Subsurface Structures *(refer to page 19 of the guidelines):*

Storm water drains are located on the western side of the onsite building. A water meter with a water line as well as a gas line are located on the northwestern portion of the property. There were no other underground utilities or structures observed during the site visit.

7. Property Owners and Occupants

Attach Table B-6, listing the names and addresses of property owners and occupants within or contiguous to the area containing contamination and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate.

- Discuss other relevant aspects of the site and nearby areas, including receptors. Provide data from available sources and/or site investigations concerning the following: Land use information, including the uses and activities (involving possible human exposure to contamination) that occur at the site and adjacent properties;
- Indicate on the site map other possible routes of exposure to contamination such as sewers, utility lines, conduits, basements, septic tanks, drainfields, etc.
- Distance to nearest body of surface water (e.g., ditch, pond, stream, river, etc.).

NOTE: *See the instructions for a water supply well survey on page 4-12:*

D. Site Geology and Hydrogeology

Describe the soil and geology encountered at the site. Discuss the effects of soil and geological characteristics on the migration and attenuation of contaminants. Include information obtained during assessment activities (e.g., lithologic descriptions made during drilling, probe surveys, tank closure, etc). If a Phase II investigation is required include a discussion of groundwater flow direction and hydraulic gradient (vertical and horizontal).

The soils at the site consisted of mostly clayey silts with rock fragments. The monitoring well was advanced to 44 feet below ground surface and the depth to water was measured at 31.06 feet below the top of the casing.

E. Sampling Results

Phase I Investigation

NOTE: *Responsible parties for all releases must perform a Phase I investigation.*

A Phase I investigation includes the installation of one monitoring well in the source area of a release. Soil samples are to be collected every five feet in the unsaturated zone and should be analyzed in accordance with the methods specified in Table 5 (Analytical Methods for Petroleum Contaminated Soil). If the water table is encountered at 25 feet or greater from the land surface, samples for laboratory analysis should be collected every 10 feet in the unsaturated zone.

1. Describe all soil sampling performed during the installation of the source well(s) (use maps and tables whenever possible) and include:
   - location of soil samples;
   - type of soil samples (from excavation, borehole, geoprobe, etc.);
   - Complete and attach Table B-3.
   - If multiple source areas have been identified, use individual tables for each source well installation.

2. Describe any groundwater sampling from the source area monitoring well(s). Use maps and tables whenever possible and include:
   - location of groundwater samples/monitoring wells/water supply wells;
   - Complete and attach Table B-4.
   - If multiple source areas have been identified, use individual tables for each source well.

   Note: If free product is present, do not sample the monitoring well. Report the estimated thickness, type, and quantity of free product present.

3. Monitoring well construction information
   - Complete and attach Table B-7.

Phase II Investigation (If required)

NOTE: ***A Phase II investigation should only be conducted if the release is from a commercial UST and the levels of groundwater contamination detected in the source area monitoring well exceed the groundwater standards or interim standards by a factor of 10.***

The Phase II investigation includes the installation of four additional monitoring wells to be installed as follows: one upgradient of the source of contamination, two downgradient of the source of contamination, and one vertical extent well immediately downgradient of the source but within the area of contamination. The upgradient and downgradient wells must be placed so that groundwater flow direction can be determined.

1. Monitoring well construction information
   - Complete and attach Table B-7.

2. Describe any groundwater sampling from the monitoring well(s). Use maps and tables whenever possible and include:

- location of groundwater samples/monitoring wells/water supply wells;
- Complete and attach Table B-4.
- If multiple source areas have been identified, use individual tables for each area.

Note: If free product is present, do not sample the monitoring well. Report the estimated thickness, type, and quantity of free product present.

F. Conclusions and Recommendations

Discuss the risk criteria that apply to the release and identify any other site-specific factors related to the release that may pose a risk to human health and the environment. Also, discuss any site-specific conditions or possible actions that could result in lowering the level of risk posed by the release.
The monitoring well was installed in the former UST basin. The sampled soils and groundwater appear to be minimally impacted by petroleum constituents. It is recommended to proceed with site closure protocol.

G. Free Product Investigation/Recovery (if applicable)

If free product is still present or is discovered during the limited site assessment, continue or begin free product recovery immediately in accordance with 15A NCAC 2N. 0705 and submit an up-to-date Free Product Recovery Report (Report B-4).

H. Site History:

Update site history information provided in the 20-Day Report as necessary.

- Using the format in Table B-1, list all UST systems currently or previously located at the site including UST system number, product, capacity, date installed, date removed or closed, and whether a release was discovered. UST system numbers should correspond to the site map information requested below.
- Using the format in Table B-2, list the names, addresses, telephone numbers, and dates of ownership/operation of all previous UST owners and operators of the UST system(s).

I. Figures (Please attach the following figures)

- 71/2 minute USGS topographic quadrangle map copy showing an area within a 1,500-foot radius of the source area of the release and depicting the site location, all water supply wells, public water supplies, surface water intakes, surface water bodies, designated well head protection areas, and areas of recharge to deeper aquifers in the Coastal Plan that are or may be used as a source for drinking water.

- 71/2 minute USGS topographic quadrangle map copy showing an area within a 1,500-foot radius of the source area of the release and depicting the site location as well as all schools, daycare centers, hospitals, playgrounds, parks, recreation areas, churches, nursing homes, or other places of public assembly. Also identify the zoning status of the area within the 1,500-foot radius.

- Site map with UST systems location(s) including piping and pump islands, site boundaries, buildings, named roads, subsurface utilities, basements, adjacent properties, scale, and north arrow.

- Site map showing the results of all soil sampling conducted. Indicate sample identifications, sample locations, sampling depths, and analytical results.

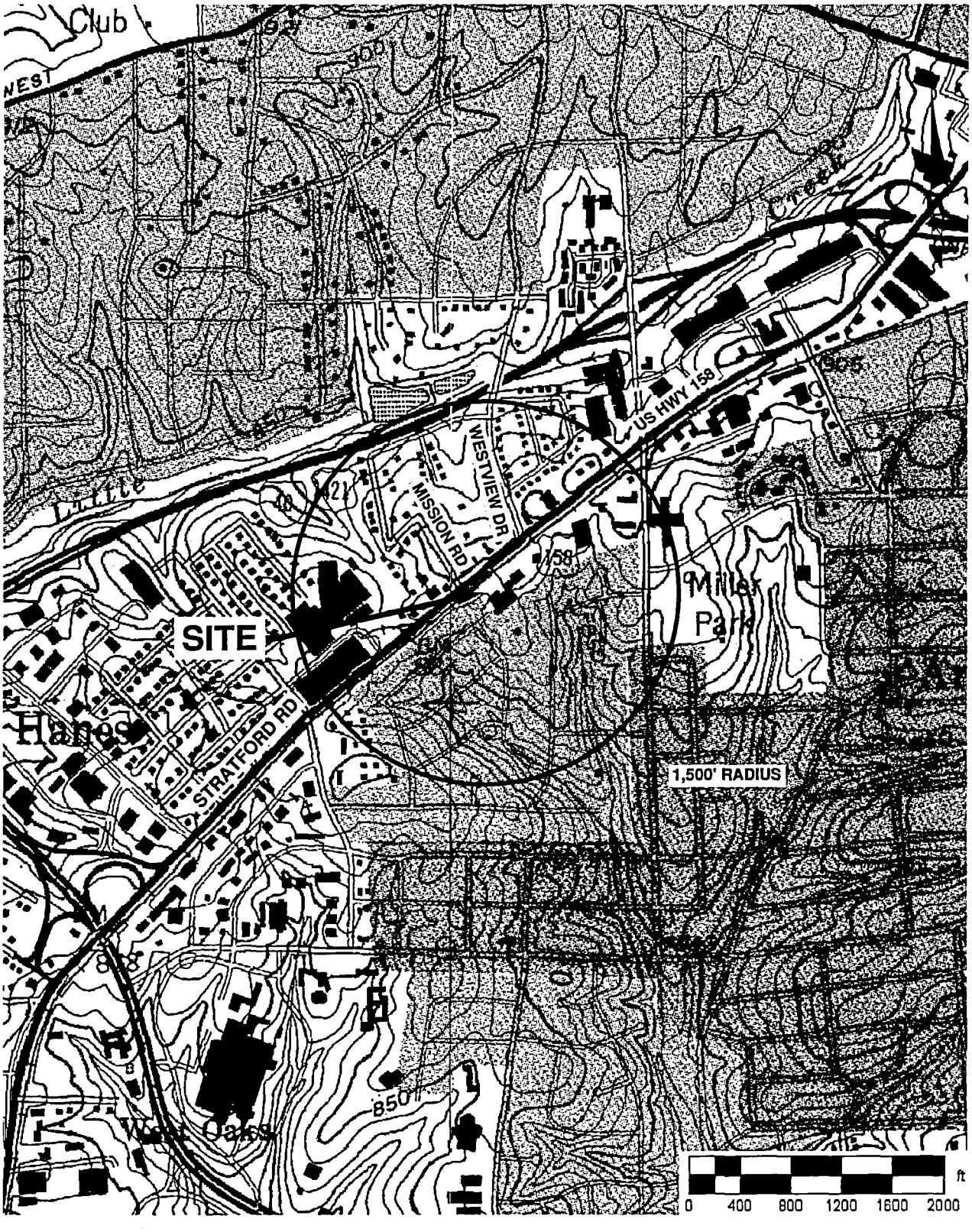
- Site map showing the results of all groundwater sampling conducted. Indicate sample identifications, sample locations, monitoring well identifications, and analytical results.

- Site map showing the elevation of groundwater in the monitoring wells and the direction of groundwater flow. **NOTE:** *This requirement applies to the Phase II investigation only.*

NOTE: *If possible, use a single base map to prepare site maps using a map scale of 1 inch = 40 feet (or a smaller scale for large sites, if necessary). Maps and figures should include conventional symbols, notations, labeling, legends, scales, and north arrows and should conform to generally accepted practices of map presentation such as those enumerated in the USGS Geological Survey pamphlet, "Topographic Maps."*

J. Other Information (Please attach the following information)

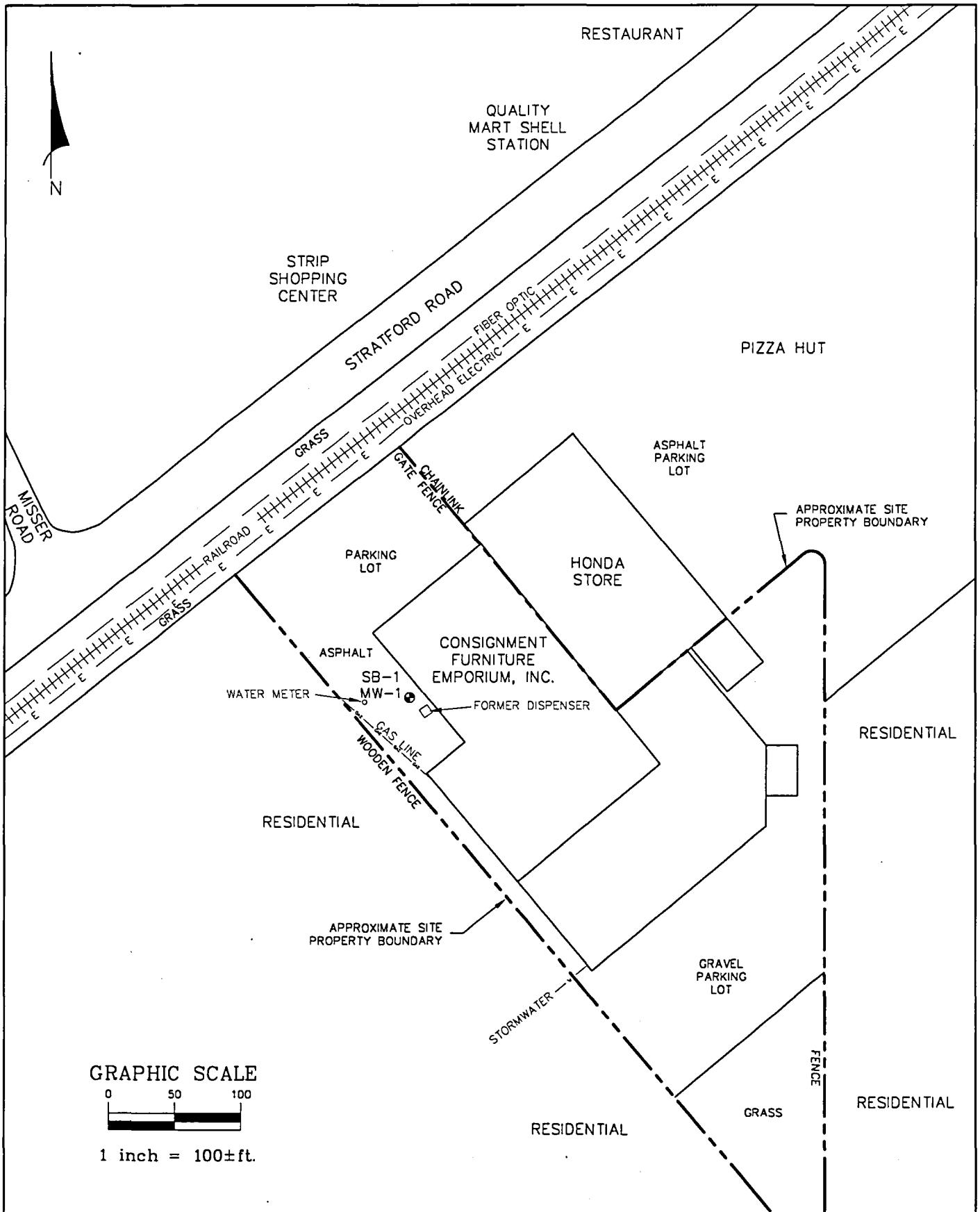
- Boring logs and lithologic descriptions;
- Well construction records (Table B-7);
- Field measurements (e.g., pH, dissolved oxygen, specific conductivity, temperature) made during groundwater sampling);
- Standard procedures used at site for sampling, field equipment decontamination, field screening, etc.;
- Disposal manifests; and
- All laboratory reports and chain-of-custody documents.



REFERENCE: Base plan for this drawing was taken from USGS 7.5 Minute Quad, Winston-Salem West, NC 1994

Schnabel Engineering	FOODCRAFT EQUIPMENT 599 SOUTH STRATFORD RD. WINSTON-SALEM, NC NCDENR INCIDENT # 13869	SITE LOCATION MAP Designed: MSB | Drawn: CAB | Checked: RLK PROJECT NO. 05190081.00-16 FIGURE 1

10/22/07 G:\2005 Projects\05190081\Foodcraft Equip\Oct 2007\Foodcraft Equip Site Loc Map Oct 2007.dwg



10/30/07 G:\2005 Projects\05190081\Foodcraft Equip\Oct 2007\Foodcroft Equip Site Map Oct 2007.dwg

Schnabel Engineering

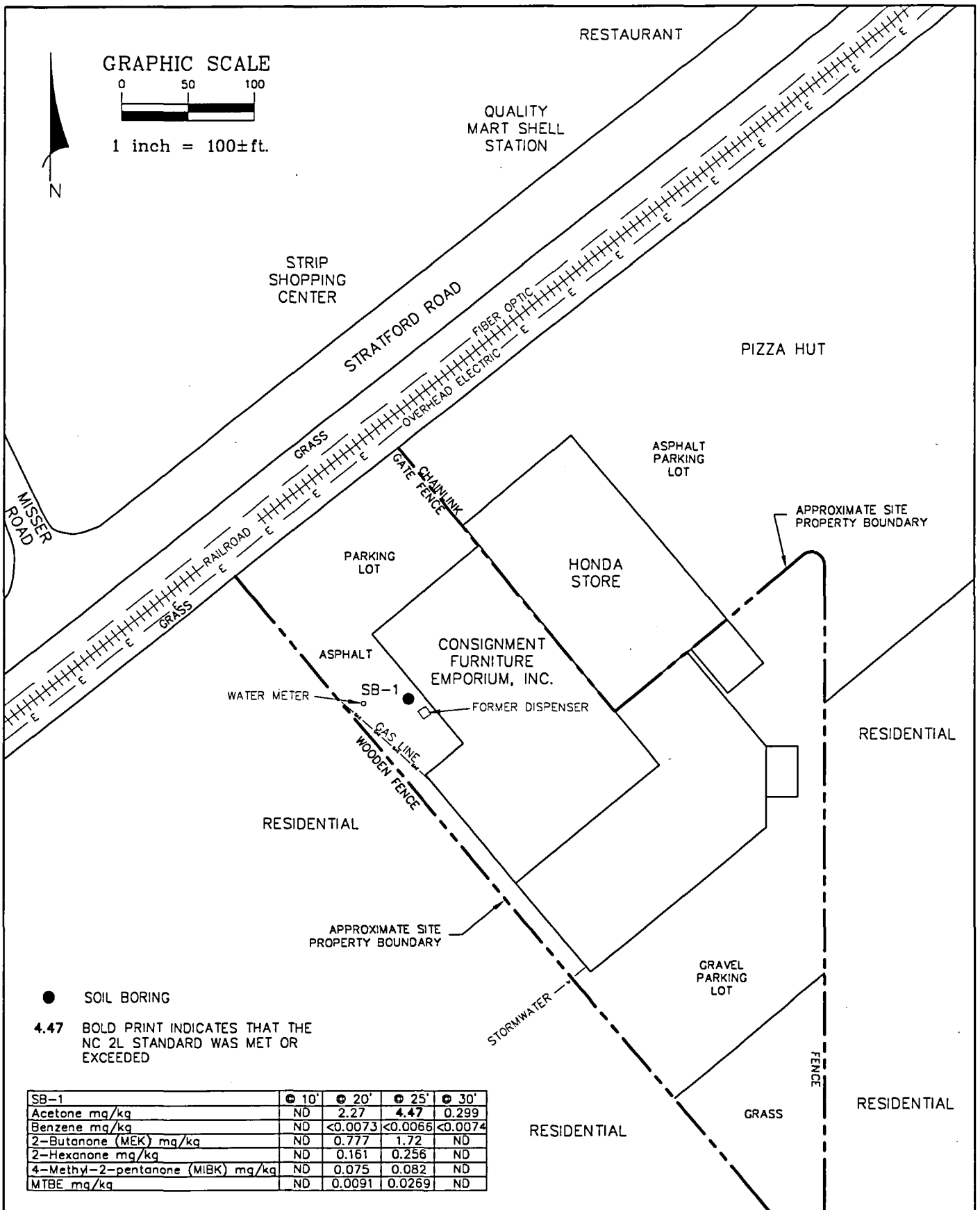
FOODCRAFT EQUIPMENT
599 SOUTH STRATFORD RD.

WINSTON-SALEM, NC
NCDENR INCIDENT # 13869

SITE MAP

Designed: MSB	Drawn: CAB	Checked: RLK

PROJECT NO. 05190081.00-16
FIGURE 2



SB-1	@ 10'	@ 20'	@ 25'	@ 30'
Acetone mg/kg	ND	2.27	**4.47**	0.299
Benzene mg/kg	ND	<0.0073	<0.0066	<0.0074
2-Butanone (MEK) mg/kg	ND	0.777	1.72	ND
2-Hexanone mg/kg	ND	0.161	0.256	ND
4-Methyl-2-pentanone (MIBK) mg/kg	ND	0.075	0.082	ND
MTBE mg/kg	ND	0.0091	0.0269	ND

Schnabel Engineering

FOODCRAFT EQUIPMENT
599 SOUTH STRATFORD RD.

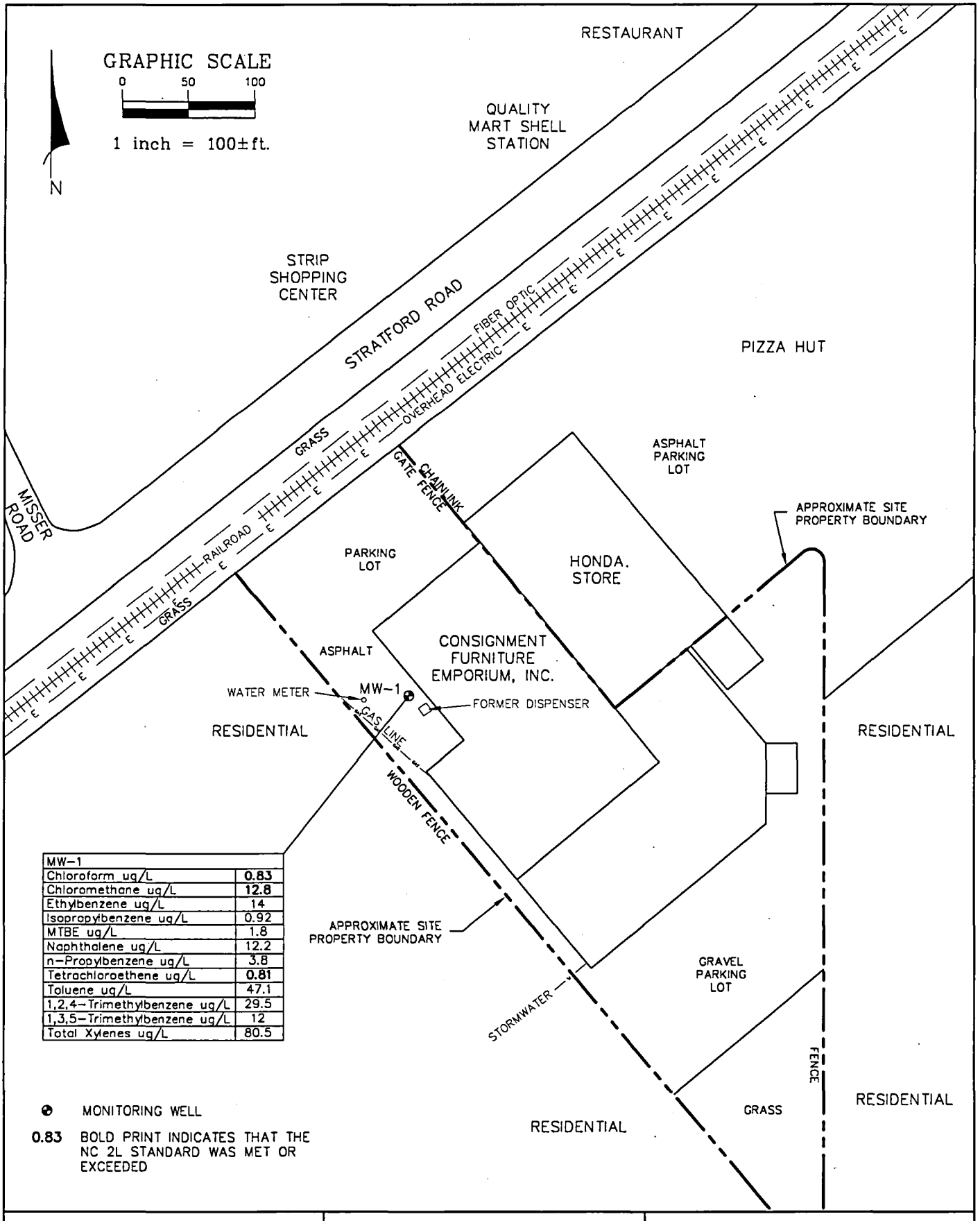
WINSTON-SALEM, NC
NCDENR INCIDENT # 13869

SOIL COC MAP
OCTOBER 10, 2007

Designed: MSB | Drawn: CAB | Checked: RLK

PROJECT NO. 05190081.00-16
FIGURE 3

11/01/07 G:\2005 Projects\05190081\Foodcraft Equip\Oct 2007\Foodcraft Equip Soil Map Oct 2007.dwg



MW-1	
Chloroform ug/L	**0.83**
Chloromethane ug/L	**12.8**
Ethylbenzene ug/L	14
Isopropylbenzene ug/L	0.92
MTBE ug/L	1.8
Naphthalene ug/L	12.2
n-Propylbenzene ug/L	3.8
Tetrachloroethene ug/L	**0.81**
Toluene ug/L	47.1
1,2,4-Trimethylbenzene ug/L	29.5
1,3,5-Trimethylbenzene ug/L	12
Total Xylenes ug/L	80.5

● MONITORING WELL

0.83 BOLD PRINT INDICATES THAT THE NC 2L STANDARD WAS MET OR EXCEEDED

11/01/07 G:\2005 Projects\05190081\Foodcraft Equip\Oct 2007\Foodcraft Equip GW Map Oct 2007.dwg

Schnabel Engineering

FOODCRAFT EQUIPMENT
599 SOUTH STRATFORD RD.

WINSTON-SALEM, NC
NCDENR INCIDENT # 13869

GROUNDWATER COC MAP
OCTOBER 10, 2007

Designed: MSB | Drawn: CAB | Checked: RLK

PROJECT NO. 05190081.00-16
FIGURE 4

Soil Boring Log
Foodcraft Equipment – Incident #13869

MW-1 – 10/10/07

Sample Interval (ft.)	OVA Results (ppm)	Lithology	Remarks
3.0-5.0	0	Fine to coarse sand and rock (fill material), brown	dry
8.0-10	0	Silty clay with mica, red	dry
13-15	200	clayey silt with weathered quartz, brown	dry, odor
18-20	35	clayey silt with rock fragments, brown	dry, odor
23-25	750	DO, with mica	dry, odor
28-30	7.5	clayey silt with rock fragments, brown	dry, odor
33-35	1.5	DO, with mica	moist, odor
38-40	2.5	DO	saturated

DO = Ditto

Non Residential Well Construction Record

North Carolina Department of Environment and Natural Resources-Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2501

1. WELL CONTRACTOR:
Michael Ransier
Well Contractor (Individual) Name
Ransier Environmental Drilling, Inc.
Well Contractor Company Name
STREET ADDRESS 1 Piney Point
Whispering Pines NC 28327
City or Town State Zip Code
910 949-4555
Area code Phone Number

2. WELL INFORMATION:
Site Well ID # (if applicable) MW-1
STATE WELL PERMIT # (if applicable) na
DWQ or OTHER PERMIT # (if applicable) na
WELL USE (Check Applicable) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other (List Use)
Date Drilled 10/10/2007
Time Completed 4:00 AM PM x

3. WELL LOCATION:
CITY Winston-S: COUNTY Forsyth
599 S. Stratford
(Street Name, Numbers, Community, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING
Slope Valley Flat x Ridge Other
(check appropriate)
LATITUDE 36 5.157
LONGITUD 80 17.433
(May be in degrees, mins, secs. or in decimal)
Latitude/Longitude source: GPS x Topo map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY Is the name of the business where the well is located
FACILITY ID # (if applicable)
NAME OF FACILITY Former Food Craft Equip.
STREET ADDRESS 599 S. Stratford Road
Winston-Salem NC
City or Town State Zip Code
CONTACT PERSON Greg Force
MAILING ADDRESS 147 Vera Road
Lexington SC 29072
City or Town State Zip Code
803 359-3200
Area code Number

5. WELL DETAILS:
a. TOTAL DEPTH: 44
b. DOES WELL REPLACE EXISTING WELL NO
c. WATER LEVEL Below Top of Casing 31
(Use "+" if above top of casing)

d. TOP OF CASI NG IS -0.2 FT Above Land Surface
*Top of casing terminated at or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm) METHOD OF TEST
f. DISINFECTION:Type Amount
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness Weight	Material
From	-0.2	To	19 Ft.	2"	sch 40	pvc
From		To	Ft.			
From		To	Ft.			

7. GROUT:

	Depth			Material	Method
From	0.5	To	15 Ft.	portland	tremmie
From		To	Ft.		
From		To	Ft.		

8. SCREEN:

	Depth			Diameter	Slot	Material
From	19	To	44 Ft.	2"	0.01	pvc
From		To	Ft.			
From		To	Ft.			

9. SAND/GRAVEL PACK:

	Depth			Size	Material
From	17	To	44 Ft.	medium	quartz
From		To	Ft.		
From		To	Ft.		

10. DRILLING LOG:

From	To	Formation Description
0	7	fill
7	44	brown/tan saprolite micaceous

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C WELL CONSTRUCTION STANDARDS AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Michael Ransier 10/12/2007
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
Michael Ransier
PRINTED NAME OF PERSON CONSTRUCTING WELL

Submit original to Div. of Water Quality within 30 days. Attn: Information Mgt. 1617 Mail Service Center- Raleigh, NC 27699-1617 Phone (919) 733-7015 ext 566

TABLE 1
Field Data Summary
Foodcraft Equipment
Incident #13869
October 10, 2007

	MW-1
Total Well Depth (ft btoc)	44.0
Depth to Product (ft btoc)	NA
Depth to Water (ft btoc)	31.06
Well Volume (gallons)	2.1
Purge Date	10/10/07
Purge Method	Disposable Bailer
Gallons Purged	~20
Date Sampled	10/10/07
Sampling Method	Disposable Bailer
Time of Sample	17:10
Comments	Installed in former UST basin using 20' of screen

Notes:
Ft btoc = feet below top of casing
NA = Not applicable

TABLE 2
Soil Analytical Summary
Foodcraft Equipment
Incident #13869
October 10, 2007

CoC	MSCC (mg/kg)	SB-1 @ 10'	SB-1 @ 20'	SB-1 @ 25'	SB-1 @ 30'
OVA Headspace Results (ppm)	NA	0.0	35	750	7.5
VPH - MADEP Method					
Aliphatic (C05-C08)	72	ND	ND	ND	ND
Aliphatic (C09-C12)	NA	ND	ND	ND	ND
Aromatic (C09-C10)	NA	ND	ND	ND	ND
EPA Method 8260					
Acetone	3.0	ND	2.27	**4.47**	0.299
Benzene	0.0056	ND	<0.0073	<0.0066	<0.0074
2-Butanone (MEK)	NA	ND	0.777	1.72	ND
n-Butylbenzene	4.0	ND	ND	ND	ND
sec-Butylbenzene	3.0	ND	ND	ND	ND
Ethylbenzene	0.24	ND	ND	ND	ND
2-Hexanone	1.9	ND	0.161	0.256	ND
Isopropylbenzene	2.0	ND	ND	ND	ND
p-Isopropyltoluene	NA	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NA	ND	0.075	0.082	ND
MTBE	0.92	ND	0.0091	0.0269	ND
Naphthalene	0.58	ND	ND	ND	ND
n-Propylbenzene	2.0	ND	ND	ND	ND
Toluene	7.0	ND	ND	ND	ND
1,2,4-Trimethylbenzene	8.0	ND	ND	ND	ND
1,3,5-Trimethylbenzene	7.0	ND	ND	ND	ND
Total Xylenes	5.0	ND	ND	ND	ND

Notes:

All data are provided in mg/kg.

ND = Not detectable above the reporting limit

MSCC = Maximum Soil Contaminant Concentrations

NA = Not available

Bold print indicates that the Soil to GW MSCC was met or exceeded.

TABLE 3
Monitoring Well Analytical Summary
Foodcraft Equipment
Incident #13869
October 10, 2007

CoC (ug/l)	NC 2L Standards	MW-1
VPH - MADEP Method		
Aliphatic (C05-C08)	420	ND
Aliphatic (C09-C12)	NA	501
Aromatic (C09-C10)	NA	139
EPA Method 6210		
Benzene	1.0	ND
Chloroform	0.2	**0.83**
Chloromethane	2.6	**12.8**
Diisopropyl ether	70	ND
Ethylbenzene	29	14
Isopropylbenzene	70	0.92
MTBE	200	1.8
Naphthalene	21	12.2
n-Propylbenzene	70	3.8
Tetrachloroethene	0.7	**0.81**
Toluene	1000	47.1
1,2,4-Trimethylbenzene	350	29.5
1,3,5-Trimethylbenzene	350	12
Total Xylenes	530	80.5
Mothod 3030C		
Lead	*15	ND

Notes:

All data are provided in ug/L.

* = EPA Drinking Water Standard

ND = Not detectable above the reporting limit

NA = Not available

Table 4
Contiguous Property Owners
Foodcraft Equipment
Incident #13869

Contiguous Property Owner	Property Occupant	Owners Address	Site Address	Location from Site	Tax PIN Number	Comments
Hubbard Realty of Winston-Salem, Inc.	Honda Store	2110 Cloverdale Ave. Winston-Salem, NC 27103	591 Stratford Road S Winston-Salem, NC	Adjacent to the northeast	6815-82-8668	The building abbuts the northeastern side of the onsite building.
Edna Earle Price		2801 Ashwood Drive Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-6534	Residential Property
Betty Ann Knight		701 Elderwood Ave. Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-7339	Residential Property
Thomas D. Mincher	Unknown	P. O. Box 10398 Greensboro, NC 27404	630 Stratford Road S Winston-Salem, NC	265' N	6815-82-5984	Commercial Property
Kroustalis and Kranis Investments	Unknown	131 Milner Place Winston-Salem, NC 27104	636 Stratford Road S Winston-Salem, NC	250' NW	6815-82-4777	
Minnie Raper		698 Westview Dr Winston-Salem, NC 27103	Same	Adjacent to the east	6815-92-0593	Residential Property
Lana Perry		700 Westview Dr Winston-Salem, NC 27103	Same	Adjacent to the east	6815-92-0494	Residential Property
Joe and Becky Venable		706 Westview Dr Winston-Salem, NC 27103	Same	Adjacent to the east	6815-92-0396	Residential Property
Charles and Clara Massie		712 Westview Dr Winston-Salem, NC 27103	Same	Adjacent to the east	6815-92-1207	Residential Property
Marion Morgan		718 Westview Dr Winston-Salem, NC 27103	Same	Adjacent to the east	6815-92-0197	Residential Property
Judson and Elizabeth Lamphear		721 Elderwood Ave. Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-9151	Residential Property
Grady Lawrence Morris		715 Elderwood Ave. Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-8199	Residential Property
Maurice and Helen Smith, Trustee	Unknown	711 Elderwood Ave. Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-8246	Residential Property
William Tucker		705 Elderwood Ave. Winston-Salem, NC 27103	Same	Adjacent to the southwest	6815-82-7382	Residential Property

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 24, 2007

Mr. Greg Force
Force & Associates
147 Vera Road
Lexington, SC 29072

RE: Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Dear Mr. Force:
Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring

kevin.herring@pacelabs.com
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Charlotte Certification IDs
Florida/NELAP Certification Number: E87627
Kansas Certification Number: E-10364
Louisiana/LELAP Certification Number: 04034
North Carolina Drinking Water Certification Number: 37706
North Carolina Wastewater Certification Number: 12
North Carolina Field Services Certification Number: 5342
South Carolina Certification Number: 990060001
South Carolina Bioassay Certification Number: 990060003
Tennessee Certification Number: 04010
Virginia Certification Number: 00213

Asheville Certification IDs
Florida/NELAP Certification Number: E87648
Louisiana/LELAP Certification Number: 03095
New Jersey Certification Number: NC011
North Carolina Drinking Water Certification Number: 37712
North Carolina Wastewater Certification Number: 40
North Carolina Bioassay Certification Number: 9
Pennsylvania Certification Number: 68-03578
South Carolina Certification Number: 990300001
South Carolina Bioassay Certification Number: 990300002
Tennessee Certification Number: 2980
Virginia Certification Number: 00072

Eden Certification IDs
North Carolina Drinking Water Certification Number: 37738
Virginia Drinking Water Certification Number: 00424
North Carolina Wastewater Certification Number: 633

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Lab ID	Sample ID	Method	Analytes Reported	Laboratory
925704001	**SB-1 @10'**	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		MADEP VPH	5	PASI-C
925704002	**SB-1 @20'**	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		MADEP VPH	5	PASI-C
925704003	**SB-1 @25'**	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		MADEP VPH	5	PASI-C
925704004	**SB-1 @30'**	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		MADEP VPH	5	PASI-C
925704005	**MW-1**	EPA 200.7	1	PASI-A
		MADEP VPH	5	PASI-C
		SM 6210	65	PASI-C

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @10' **Lab ID: 925704001** Collected: 10/10/07 14:00 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	10.3	1	10/19/07 14:01	10/19/07 18:12		
Aliphatic (C09-C12)	ND	mg/kg	10.3	1	10/19/07 14:01	10/19/07 18:12		
Aromatic (C09-C10)	ND	mg/kg	10.3	1	10/19/07 14:01	10/19/07 18:12		
2,5-Dibromotoluene (PID)(S)	106	%	70-130	1	10/19/07 14:01	10/19/07 18:12		
2,5-Dibromotoluene (FID)(S)	109	%	70-130	1	10/19/07 14:01	10/19/07 18:12		
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	106	1		10/19/07 21:20	67-64-1	
Benzene	ND	ug/kg	5.3	1		10/19/07 21:20	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		10/19/07 21:20	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		10/19/07 21:20	75-27-4	
Bromoform	ND	ug/kg	5.3	1		10/19/07 21:20	75-25-2	
Bromomethane	ND	ug/kg	10.6	1		10/19/07 21:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	106	1		10/19/07 21:20	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	1		10/19/07 21:20	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	108-90-7	
Chloroethane	ND	ug/kg	10.6	1		10/19/07 21:20	75-00-3	
Chloroform	ND	ug/kg	5.3	1		10/19/07 21:20	67-66-3	
Chloromethane	ND	ug/kg	10.6	1		10/19/07 21:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		10/19/07 21:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1		10/19/07 21:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		10/19/07 21:20	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		10/19/07 21:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		10/19/07 21:20	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1		10/19/07 21:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.6	1		10/19/07 21:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		10/19/07 21:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		10/19/07 21:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		10/19/07 21:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		10/19/07 21:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1		10/19/07 21:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1		10/19/07 21:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1		10/19/07 21:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		10/19/07 21:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		10/19/07 21:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1		10/19/07 21:20	108-20-3	
Ethylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	100-41-4	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @10' **Lab ID: 925704001** Collected: 10/10/07 14:00 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		10/19/07 21:20	87-68-3	
2-Hexanone	ND	ug/kg	53.0	1		10/19/07 21:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		10/19/07 21:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		10/19/07 21:20	99-87-6	
Methylene Chloride	ND	ug/kg	10.6	2		10/19/07 21:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.0	1		10/19/07 21:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		10/19/07 21:20	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1		10/19/07 21:20	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	103-65-1	
Styrene	ND	ug/kg	5.3	1		10/19/07 21:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		10/19/07 21:20	127-18-4	
Toluene	ND	ug/kg	5.3	1		10/19/07 21:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		10/19/07 21:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		10/19/07 21:20	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		10/19/07 21:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		10/19/07 21:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		10/19/07 21:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		10/19/07 21:20	108-67-8	
Vinyl acetate	ND	ug/kg	53.0	1		10/19/07 21:20	108-05-4	
Vinyl chloride	ND	ug/kg	10.6	1		10/19/07 21:20	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	1		10/19/07 21:20	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	1		10/19/07 21:20	1330-20-7	
o-Xylene	ND	ug/kg	5.3	1		10/19/07 21:20	95-47-6	
Dibromofluoromethane (S)	114	%	79-116	1		10/19/07 21:20	1868-53-7	
Toluene-d8 (S)	100	%	88-110	1		10/19/07 21:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%	74-115	1		10/19/07 21:20	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	69-121	1		10/19/07 21:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.0**	%	0.10	1		10/16/07 13:37		

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @20' **Lab ID: 925704002** Collected: 10/10/07 14:30 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	11.8	1	10/19/07 14:01	10/19/07 18:42		
Aliphatic (C09-C12)	ND	mg/kg	11.8	1	10/19/07 14:01	10/19/07 18:42		
Aromatic (C09-C10)	ND	mg/kg	11.8	1	10/19/07 14:01	10/19/07 18:42		
2,5-Dibromotoluene (PID)(S)	108	%	70-130	1	10/19/07 14:01	10/19/07 18:42		
2,5-Dibromotoluene (FID)(S)	111	%	70-130	1	10/19/07 14:01	10/19/07 18:42		
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**2270**	ug/kg	146	1		10/22/07 13:45	67-64-1	E
Benzene	ND	ug/kg	7.3	1		10/22/07 13:45	71-43-2	
Bromobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	1		10/22/07 13:45	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	1		10/22/07 13:45	75-27-4	
Bromoform	ND	ug/kg	7.3	1		10/22/07 13:45	75-25-2	
Bromomethane	ND	ug/kg	14.6	1		10/22/07 13:45	74-83-9	
2-Butanone (MEK)	**777**	ug/kg	146	1		10/22/07 13:45	78-93-3	E
n-Butylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	1		10/22/07 13:45	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	108-90-7	
Chloroethane	ND	ug/kg	14.6	1		10/22/07 13:45	75-00-3	
Chloroform	ND	ug/kg	7.3	1		10/22/07 13:45	67-66-3	
Chloromethane	ND	ug/kg	14.6	1		10/22/07 13:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	1		10/22/07 13:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1		10/22/07 13:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	1		10/22/07 13:45	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	1		10/22/07 13:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	1		10/22/07 13:45	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1		10/22/07 13:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.6	1		10/22/07 13:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	1		10/22/07 13:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	1		10/22/07 13:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	1		10/22/07 13:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	1		10/22/07 13:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	1		10/22/07 13:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	1		10/22/07 13:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.3	1		10/22/07 13:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	1		10/22/07 13:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	1		10/22/07 13:45	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	1		10/22/07 13:45	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	100-41-4	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @20' **Lab ID: 925704002** Collected: 10/10/07 14:30 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	7.3	1		10/22/07 13:45	87-68-3	
2-Hexanone	**161**	ug/kg	72.8	1		10/22/07 13:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	1		10/22/07 13:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	1		10/22/07 13:45	99-87-6	
Methylene Chloride	ND	ug/kg	14.6	2		10/22/07 13:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**75.0**	ug/kg	72.8	1		10/22/07 13:45	108-10-1	
Methyl-tert-butyl ether	**9.1**	ug/kg	7.3	1		10/22/07 13:45	1634-04-4	
Naphthalene	ND	ug/kg	7.3	1		10/22/07 13:45	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	103-65-1	
Styrene	ND	ug/kg	7.3	1		10/22/07 13:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	1		10/22/07 13:45	127-18-4	
Toluene	ND	ug/kg	7.3	1		10/22/07 13:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	1		10/22/07 13:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	1		10/22/07 13:45	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1		10/22/07 13:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	1		10/22/07 13:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	1		10/22/07 13:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	1		10/22/07 13:45	108-67-8	
Vinyl acetate	ND	ug/kg	72.8	1		10/22/07 13:45	108-05-4	
Vinyl chloride	ND	ug/kg	14.6	1		10/22/07 13:45	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	1		10/22/07 13:45	1330-20-7	
m&p-Xylene	ND	ug/kg	14.6	1		10/22/07 13:45	1330-20-7	
o-Xylene	ND	ug/kg	7.3	1		10/22/07 13:45	95-47-6	
Dibromofluoromethane (S)	103	%	79-116	1		10/22/07 13:45	1868-53-7	
Toluene-d8 (S)	105	%	88-110	1		10/22/07 13:45	2037-26-5	
4-Bromofluorobenzene (S)	105	%	74-115	1		10/22/07 13:45	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	69-121	1		10/22/07 13:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.3**	%	0.10	1		10/16/07 13:37		

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @25' **Lab ID: 925704003** Collected: 10/10/07 15:00 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	12.6	1	10/19/07 14:01	10/19/07 19:13		
Aliphatic (C09-C12)	ND	mg/kg	12.6	1	10/19/07 14:01	10/19/07 19:13		
Aromatic (C09-C10)	ND	mg/kg	12.6	1	10/19/07 14:01	10/19/07 19:13		
2,5-Dibromotoluene (PID)(S)	110	%	70-130	1	10/19/07 14:01	10/19/07 19:13		
2,5-Dibromotoluene (FID)(S)	113	%	70-130	1	10/19/07 14:01	10/19/07 19:13		
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**4470**	ug/kg	132	1		10/22/07 14:03	67-64-1	E
Benzene	ND	ug/kg	6.6	1		10/22/07 14:03	71-43-2	
Bromobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	1		10/22/07 14:03	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	1		10/22/07 14:03	75-27-4	
Bromoform	ND	ug/kg	6.6	1		10/22/07 14:03	75-25-2	
Bromomethane	ND	ug/kg	13.2	1		10/22/07 14:03	74-83-9	
2-Butanone (MEK)	**1720**	ug/kg	132	1		10/22/07 14:03	78-93-3	E
n-Butylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.6	1		10/22/07 14:03	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	108-90-7	
Chloroethane	ND	ug/kg	13.2	1		10/22/07 14:03	75-00-3	
Chloroform	ND	ug/kg	6.6	1		10/22/07 14:03	67-66-3	
Chloromethane	ND	ug/kg	13.2	1		10/22/07 14:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	1		10/22/07 14:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1		10/22/07 14:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1		10/22/07 14:03	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	1		10/22/07 14:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	1		10/22/07 14:03	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1		10/22/07 14:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.2	1		10/22/07 14:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	1		10/22/07 14:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1		10/22/07 14:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	1		10/22/07 14:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	1		10/22/07 14:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	1		10/22/07 14:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	1		10/22/07 14:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	1		10/22/07 14:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1		10/22/07 14:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	1		10/22/07 14:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.6	1		10/22/07 14:03	108-20-3	
Ethylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	100-41-4	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @25' **Lab ID: 925704003** Collected: 10/10/07 15:00 Received: 10/12/07 18:30 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	1		10/22/07 14:03	87-68-3	
2-Hexanone	**256**	ug/kg	66.1	1		10/22/07 14:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	1		10/22/07 14:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	1		10/22/07 14:03	99-87-6	
Methylene Chloride	ND	ug/kg	19.8	3		10/22/07 14:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**82.0**	ug/kg	66.1	1		10/22/07 14:03	108-10-1	
Methyl-tert-butyl ether	**26.9**	ug/kg	6.6	1		10/22/07 14:03	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1		10/22/07 14:03	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	103-65-1	
Styrene	ND	ug/kg	6.6	1		10/22/07 14:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	1		10/22/07 14:03	127-18-4	
Toluene	ND	ug/kg	6.6	1		10/22/07 14:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	1		10/22/07 14:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	1		10/22/07 14:03	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1		10/22/07 14:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	1		10/22/07 14:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	1		10/22/07 14:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	1		10/22/07 14:03	108-67-8	
Vinyl acetate	ND	ug/kg	66.1	1		10/22/07 14:03	108-05-4	
Vinyl chloride	ND	ug/kg	13.2	1		10/22/07 14:03	75-01-4	
Xylene (Total)	ND	ug/kg	13.2	1		10/22/07 14:03	1330-20-7	
m&p-Xylene	ND	ug/kg	13.2	1		10/22/07 14:03	1330-20-7	
o-Xylene	ND	ug/kg	6.6	1		10/22/07 14:03	95-47-6	
Dibromofluoromethane (S)	99	%	79-116	1		10/22/07 14:03	1868-53-7	
Toluene-d8 (S)	99	%	88-110	1		10/22/07 14:03	2037-26-5	
4-Bromofluorobenzene (S)	100	%	74-115	1		10/22/07 14:03	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	69-121	1		10/22/07 14:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.6**	%	0.10	1		10/16/07 13:38		

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @30' **Lab ID: 925704004** Collected: 10/10/07 15:30 Received: 10/12/07 18:30 Matrix: Solid
Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	12.3	1	10/19/07 14:01	10/19/07 19:44		
Aliphatic (C09-C12)	ND	mg/kg	12.3	1	10/19/07 14:01	10/19/07 19:44		
Aromatic (C09-C10)	ND	mg/kg	12.3	1	10/19/07 14:01	10/19/07 19:44		
2,5-Dibromotoluene (PID)(S)	107	%	70-130	1	10/19/07 14:01	10/19/07 19:44		
2,5-Dibromotoluene (FID)(S)	110	%	70-130	1	10/19/07 14:01	10/19/07 19:44		
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**299**	ug/kg	148	1		10/19/07 21:39	67-64-1	C9
Benzene	ND	ug/kg	7.4	1		10/19/07 21:39	71-43-2	
Bromobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	1		10/19/07 21:39	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	1		10/19/07 21:39	75-27-4	
Bromoform	ND	ug/kg	7.4	1		10/19/07 21:39	75-25-2	
Bromomethane	ND	ug/kg	14.8	1		10/19/07 21:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	148	1		10/19/07 21:39	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.4	1		10/19/07 21:39	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	108-90-7	
Chloroethane	ND	ug/kg	14.8	1		10/19/07 21:39	75-00-3	
Chloroform	ND	ug/kg	7.4	1		10/19/07 21:39	67-66-3	
Chloromethane	ND	ug/kg	14.8	1		10/19/07 21:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	1		10/19/07 21:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1		10/19/07 21:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	1		10/19/07 21:39	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	1		10/19/07 21:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	1		10/19/07 21:39	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1		10/19/07 21:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.8	1		10/19/07 21:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	1		10/19/07 21:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	1		10/19/07 21:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	1		10/19/07 21:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	1		10/19/07 21:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	1		10/19/07 21:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	1		10/19/07 21:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	1		10/19/07 21:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	1		10/19/07 21:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	1		10/19/07 21:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	1		10/19/07 21:39	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	100-41-4	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: SB-1 @30' **Lab ID: 925704004** Collected: 10/10/07 15:30 Received: 10/12/07 18:30 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/kg	7.4	1		10/19/07 21:39	87-68-3	
2-Hexanone	ND	ug/kg	74.0	1		10/19/07 21:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	1		10/19/07 21:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	1		10/19/07 21:39	99-87-6	
Methylene Chloride	ND	ug/kg	29.6	4		10/19/07 21:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.0	1		10/19/07 21:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	1		10/19/07 21:39	1634-04-4	
Naphthalene	ND	ug/kg	7.4	1		10/19/07 21:39	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	103-65-1	
Styrene	ND	ug/kg	7.4	1		10/19/07 21:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	1		10/19/07 21:39	127-18-4	
Toluene	ND	ug/kg	7.4	1		10/19/07 21:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	1		10/19/07 21:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	1		10/19/07 21:39	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1		10/19/07 21:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	1		10/19/07 21:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	1		10/19/07 21:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	1		10/19/07 21:39	108-67-8	
Vinyl acetate	ND	ug/kg	74.0	1		10/19/07 21:39	108-05-4	
Vinyl chloride	ND	ug/kg	14.8	1		10/19/07 21:39	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		10/19/07 21:39	1330-20-7	
m&p-Xylene	ND	ug/kg	14.8	1		10/19/07 21:39	1330-20-7	
o-Xylene	ND	ug/kg	7.4	1		10/19/07 21:39	95-47-6	
Dibromofluoromethane (S)	114	%	79-116	1		10/19/07 21:39	1868-53-7	
Toluene-d8 (S)	102	%	88-110	1		10/19/07 21:39	2037-26-5	
4-Bromofluorobenzene (S)	102	%	74-115	1		10/19/07 21:39	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	69-121	1		10/19/07 21:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.4**	%	0.10	1		10/17/07 09:13		

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: MW-1 **Lab ID: 925704005** Collected: 10/10/07 17:10 Received: 10/12/07 18:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP VPH NC Water	Analytical Method: MADEP VPH							
Aliphatic (C05-C08)	ND	ug/L	100	1		10/17/07 12:34		
Aliphatic (C09-C12)	**501**	ug/L	100	1		10/17/07 12:34		
Aromatic (C09-C10)	**139**	ug/L	100	1		10/17/07 12:34		
2,5-Dibromotoluene (PID)(S)	85	%	70-130	1		10/17/07 12:34		
2,5-Dibromotoluene (FID)(S)	96	%	70-130	1		10/17/07 12:34		
200.7 MET ICP, 3030C	Analytical Method: EPA 200.7 Preparation Method: SM 3030C							
Lead	ND	ug/L	5.0	1	10/13/07 15:30	10/18/07 05:44	7439-92-1	
6210 MSV	Analytical Method: SM 6210							
Benzene	ND	ug/L	0.50	1		10/18/07 15:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		10/18/07 15:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		10/18/07 15:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		10/18/07 15:27	75-27-4	
Bromoform	ND	ug/L	0.50	1		10/18/07 15:27	75-25-2	
Bromomethane	ND	ug/L	1.0	1		10/18/07 15:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		10/18/07 15:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		10/18/07 15:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		10/18/07 15:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		10/18/07 15:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		10/18/07 15:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/18/07 15:27	75-00-3	
Chloroform	**0.83**	ug/L	0.50	1		10/18/07 15:27	67-66-3	
Chloromethane	**12.8**	ug/L	1.0	1		10/18/07 15:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		10/18/07 15:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		10/18/07 15:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		10/18/07 15:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		10/18/07 15:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/18/07 15:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		10/18/07 15:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/18/07 15:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/18/07 15:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/18/07 15:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		10/18/07 15:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		10/18/07 15:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		10/18/07 15:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		10/18/07 15:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/18/07 15:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/18/07 15:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		10/18/07 15:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		10/18/07 15:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		10/18/07 15:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		10/18/07 15:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/18/07 15:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/18/07 15:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		10/18/07 15:27	108-20-3	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

Sample: MW-1 **Lab ID: 925704005** Collected: 10/10/07 17:10 Received: 10/12/07 18:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6210 MSV	Analytical Method: SM 6210							
Ethylbenzene	**14.1**	ug/L	0.50	1		10/18/07 15:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/18/07 15:27	87-68-3	
Isopropylbenzene (Cumene)	**0.92**	ug/L	0.50	1		10/18/07 15:27	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		10/18/07 15:27	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/18/07 15:27	75-09-2	
Methyl-tert-butyl ether	**1.8**	ug/L	0.50	1		10/18/07 15:27	1634-04-4	
Naphthalene	**12.2**	ug/L	2.0	1		10/18/07 15:27	91-20-3	
n-Propylbenzene	**3.8**	ug/L	0.50	1		10/18/07 15:27	103-65-1	
Styrene	ND	ug/L	0.50	1		10/18/07 15:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/18/07 15:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/18/07 15:27	79-34-5	
Tetrachloroethene	**0.81**	ug/L	0.50	1		10/18/07 15:27	127-18-4	
Toluene	**47.1**	ug/L	0.50	1		10/18/07 15:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		10/18/07 15:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		10/18/07 15:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/18/07 15:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/18/07 15:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		10/18/07 15:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/18/07 15:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		10/18/07 15:27	96-18-4	
1,2,4-Trimethylbenzene	**29.5**	ug/L	0.50	1		10/18/07 15:27	95-63-6	
1,3,5-Trimethylbenzene	**12.0**	ug/L	0.50	1		10/18/07 15:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		10/18/07 15:27	75-01-4	
m&p-Xylene	**47.3**	ug/L	1.0	1		10/18/07 15:27	1330-20-7	
o-Xylene	**33.2**	ug/L	0.50	1		10/18/07 15:27	95-47-6	
1,2-Dichloroethane-d4 (S)	102	%	60-140	1		10/18/07 15:27	17060-07-0	
Dibromofluoromethane (S)	100	%	60-140	1		10/18/07 15:27	1868-53-7	
4-Bromofluorobenzene (S)	103	%	60-140	1		10/18/07 15:27	460-00-4	
Toluene-d8 (S)	102	%	60-140	1		10/18/07 15:27	2037-26-5	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: MPRP/1303
QC Batch Method: SM 3030C
Analysis Method: EPA 200.7
Analysis Description: 200.7 MET 3030C
Associated Lab Samples: 925704005

METHOD BLANK: 28073
Associated Lab Samples: 925704005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Lead	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 28074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	508	102	85-115	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: PMST/1148 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 925704001, 925704002, 925704003

SAMPLE DUPLICATE: 28173

Parameter	Units	925702023 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	24.4	24.6	.7	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: GCV/1240
QC Batch Method: MADEP VPH
Analysis Method: MADEP VPH
Analysis Description: MADEP VPH NC Water
Associated Lab Samples: 925704005

METHOD BLANK: 28492
Associated Lab Samples: 925704005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	
Aliphatic (C09-C12)	ug/L	ND	100	
Aromatic (C09-C10)	ug/L	ND	100	
2,5-Dibromotoluene (FID)(S)	%	107	70-130	
2,5-Dibromotoluene (PID)(S)	%	105	70-130	

LABORATORY CONTROL SAMPLE & LCSD: 28493 28494

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	400	316	318	79	80	70-130	.9	25	
Aliphatic (C09-C12)	ug/L	100	ND	ND	81	69	30-130	17	25	
Aromatic (C09-C10)	ug/L	100	ND	ND	84	87	70-130	4	25	
2,5-Dibromotoluene (FID)(S)	%				100	100	70-130			
2,5-Dibromotoluene (PID)(S)	%				100	101	70-130			

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: PMST/1149
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 925704004

SAMPLE DUPLICATE: 28528

Parameter	Units	925282001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	41.3	32.4	24	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: MSV/1564
QC Batch Method: SM 6210
Analysis Method: SM 6210
Analysis Description: 6210 MSV
Associated Lab Samples: 925704005

METHOD BLANK: 29022
Associated Lab Samples: 925704005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	
1,1,1-Trichloroethane	ug/L	ND	0.50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	
1,1,2-Trichloroethane	ug/L	ND	0.50	
1,1-Dichloroethane	ug/L	ND	0.50	
1,1-Dichloroethene	ug/L	ND	0.50	
1,1-Dichloropropene	ug/L	ND	0.50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	
1,2,3-Trichloropropane	ug/L	ND	0.50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	
1,2-Dichlorobenzene	ug/L	ND	0.50	
1,2-Dichloroethane	ug/L	ND	0.50	
1,2-Dichloropropane	ug/L	ND	0.50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	
1,3-Dichlorobenzene	ug/L	ND	0.50	
1,3-Dichloropropane	ug/L	ND	0.50	
1,4-Dichlorobenzene	ug/L	ND	0.50	
2,2-Dichloropropane	ug/L	ND	0.50	
2-Chlorotoluene	ug/L	ND	0.50	
4-Chlorotoluene	ug/L	ND	0.50	
Benzene	ug/L	ND	0.50	
Bromobenzene	ug/L	ND	0.50	
Bromochloromethane	ug/L	ND	0.50	
Bromodichloromethane	ug/L	ND	0.50	
Bromoform	ug/L	ND	0.50	
Bromomethane	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	0.50	
Chlorobenzene	ug/L	ND	0.50	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	0.50	
Chloromethane	ug/L	ND	1.0	
cis-1,2-Dichloroethene	ug/L	ND	0.50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	
Dibromochloromethane	ug/L	ND	0.50	
Dibromomethane	ug/L	ND	0.50	
Dichlorodifluoromethane	ug/L	ND	0.50	
Diisopropyl ether	ug/L	ND	0.50	
Ethylbenzene	ug/L	ND	0.50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

METHOD BLANK: 29022
Associated Lab Samples: 925704005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
m&p-Xylene	ug/L	ND	1.0	
Methyl-tert-butyl ether	ug/L	ND	0.50	
Methylene Chloride	ug/L	ND	2.0	
n-Butylbenzene	ug/L	ND	0.50	
n-Propylbenzene	ug/L	ND	0.50	
Naphthalene	ug/L	ND	2.0	
o-Xylene	ug/L	ND	0.50	
p-Isopropyltoluene	ug/L	ND	0.50	
sec-Butylbenzene	ug/L	ND	0.50	
Styrene	ug/L	ND	0.50	
tert-Butylbenzene	ug/L	ND	0.50	
Tetrachloroethene	ug/L	ND	0.50	
Toluene	ug/L	ND	0.50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	
Trichloroethene	ug/L	ND	0.50	
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	99	60-140	
4-Bromofluorobenzene (S)	%	102	60-140	
Dibromofluoromethane (S)	%	97	60-140	
Toluene-d8 (S)	%	99	60-140	

LABORATORY CONTROL SAMPLE: 29023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	9.7	97	60-140	
1,1,1-Trichloroethane	ug/L	10	9.4	94	60-140	
1,1,2,2-Tetrachloroethane	ug/L	10	7.7	77	60-140	
1,1,2-Trichloroethane	ug/L	10	9.4	94	60-140	
1,1-Dichloroethane	ug/L	10	9.5	95	60-140	
1,1-Dichloroethene	ug/L	10	10.3	103	60-140	
1,1-Dichloropropene	ug/L	10	9.5	95	60-140	
1,2,3-Trichlorobenzene	ug/L	10	10.4	104	60-140	
1,2,3-Trichloropropane	ug/L	10	8.9	89	60-140	
1,2,4-Trichlorobenzene	ug/L	10	10.4	104	60-140	
1,2,4-Trimethylbenzene	ug/L	10	10.8	108	60-140	
1,2-Dibromo-3-chloropropane	ug/L	10	9.1	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	10	10.0	100	60-140	
1,2-Dichlorobenzene	ug/L	10	9.9	99	60-140	
1,2-Dichloroethane	ug/L	10	8.5	85	60-140	
1,2-Dichloropropane	ug/L	10	9.6	96	60-140	
1,3,5-Trimethylbenzene	ug/L	10	10.1	101	60-140	
1,3-Dichlorobenzene	ug/L	10	9.6	96	60-140	
1,3-Dichloropropane	ug/L	10	9.8	98	60-140	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

LABORATORY CONTROL SAMPLE: 29023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	10	9.2	92	60-140	
2,2-Dichloropropane	ug/L	10	7.2	72	60-140	
2-Chlorotoluene	ug/L	10	9.1	91	60-140	
4-Chlorotoluene	ug/L	10	9.9	99	60-140	
Benzene	ug/L	10	10.1	101	60-140	
Bromobenzene	ug/L	10	9.1	91	60-140	
Bromochloromethane	ug/L	10	9.9	99	60-140	
Bromodichloromethane	ug/L	10	9.7	97	60-140	
Bromoform	ug/L	10	9.9	99	60-140	
Bromomethane	ug/L	10	11.5	115	60-140	
Carbon tetrachloride	ug/L	10	11.0	110	60-140	
Chlorobenzene	ug/L	10	9.8	98	60-140	
Chloroethane	ug/L	10	9.8	98	60-140	
Chloroform	ug/L	10	9.5	95	60-140	
Chloromethane	ug/L	10	10.5	105	60-140	
cis-1,2-Dichloroethene	ug/L	10	9.5	95	60-140	
cis-1,3-Dichloropropene	ug/L	10	10	100	60-140	
Dibromochloromethane	ug/L	10	9.3	93	60-140	
Dibromomethane	ug/L	10	10.5	105	60-140	
Dichlorodifluoromethane	ug/L	10	12.5	125	60-140	
Diisopropyl ether	ug/L	10	9.5	95	60-140	
Ethylbenzene	ug/L	10	10.2	102	60-140	
Hexachloro-1,3-butadiene	ug/L	10	9.9	99	60-140	
Isopropylbenzene (Cumene)	ug/L	10	10.2	102	60-140	
m&p-Xylene	ug/L	20	20.9	105	60-140	
Methyl-tert-butyl ether	ug/L	10	10.1	101	60-140	
Methylene Chloride	ug/L	10	8.2	82	60-140	
n-Butylbenzene	ug/L	10	9.9	99	60-140	
n-Propylbenzene	ug/L	10	10	100	60-140	
Naphthalene	ug/L	10	10.7	107	60-140	
o-Xylene	ug/L	10	10.4	104	60-140	
p-Isopropyltoluene	ug/L	10	10.6	106	60-140	
sec-Butylbenzene	ug/L	10	10.2	102	60-140	
Styrene	ug/L	10	10.1	101	60-140	
tert-Butylbenzene	ug/L	10	10.3	103	60-140	
Tetrachloroethene	ug/L	10	10.4	104	60-140	
Toluene	ug/L	10	10.8	108	60-140	
trans-1,2-Dichloroethene	ug/L	10	9.7	97	60-140	
trans-1,3-Dichloropropene	ug/L	10	9.1	91	60-140	
Trichloroethene	ug/L	10	10.6	106	60-140	
Trichlorofluoromethane	ug/L	10	9.9	99	60-140	
Vinyl chloride	ug/L	10	10.5	105	60-140	
1,2-Dichloroethane-d4 (S)	%			95	60-140	
4-Bromofluorobenzene (S)	%			104	60-140	
Dibromofluoromethane (S)	%			92	60-140	
Toluene-d8 (S)	%			101	60-140	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: MSV/1580 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 925704001, 925704002, 925704003, 925704004

METHOD BLANK: 29959
Associated Lab Samples: 925704001, 925704002, 925704003, 925704004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	100	
2-Chlorotoluene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.0	
4-Chlorotoluene	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.0	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

METHOD BLANK: 29959

Associated Lab Samples: 925704001, 925704002, 925704003, 925704004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene Chloride	ug/kg	ND	5.0	
n-Butylbenzene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
o-Xylene	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.0	
Vinyl chloride	ug/kg	ND	10.0	
Xylene (Total)	ug/kg	ND	10.0	
1,2-Dichloroethane-d4 (S)	%	104	69-121	
4-Bromofluorobenzene (S)	%	98	74-115	
Dibromofluoromethane (S)	%	109	79-116	
Toluene-d8 (S)	%	101	88-110	

LABORATORY CONTROL SAMPLE: 29960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.9	100	75-137	
1,1,1-Trichloroethane	ug/kg	50	50.8	102	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.7	95	74-133	
1,1,2-Trichloroethane	ug/kg	50	50.9	102	79-129	
1,1-Dichloroethane	ug/kg	50	49.0	98	72-139	
1,1-Dichloroethene	ug/kg	50	59.1	118	69-154	
1,1-Dichloropropene	ug/kg	50	51.0	102	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	46.6	93	71-150	
1,2,3-Trichloropropane	ug/kg	50	49.8	100	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	47.4	95	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	47.4	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	45.7	91	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	47.2	94	77-136	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

LABORATORY CONTROL SAMPLE: 29960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	47.4	95	75-141	
1,2-Dichloroethane	ug/kg	50	53.4	107	74-134	
1,2-Dichloropropane	ug/kg	50	51.7	103	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	46.5	93	65-128	
1,3-Dichlorobenzene	ug/kg	50	44.9	90	76-133	
1,3-Dichloropropane	ug/kg	50	49.7	99	79-132	
1,4-Dichlorobenzene	ug/kg	50	45.6	91	75-137	
2,2-Dichloropropane	ug/kg	50	48.3	97	73-137	
2-Butanone (MEK)	ug/kg	100	106	106	61-138	
2-Chlorotoluene	ug/kg	50	44.7	89	73-138	
2-Hexanone	ug/kg	100	93.7	94	58-159	
4-Chlorotoluene	ug/kg	50	50.5	101	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	99.5	100	74-139	
Acetone	ug/kg	100	113	113	58-150	
Benzene	ug/kg	50	47.8	96	71-140	
Bromobenzene	ug/kg	50	44.5	89	72-144	
Bromochloromethane	ug/kg	50	51.0	102	78-133	
Bromodichloromethane	ug/kg	50	51.3	103	78-133	
Bromoform	ug/kg	50	48.4	97	74-132	
Bromomethane	ug/kg	50	52.3	105	63-184	
Carbon tetrachloride	ug/kg	50	52.0	104	73-143	
Chlorobenzene	ug/kg	50	48.6	97	77-137	
Chloroethane	ug/kg	50	57.6	115	68-146	
Chloroform	ug/kg	50	51.9	104	75-137	
Chloromethane	ug/kg	50	43.7	87	54-143	
cis-1,2-Dichloroethene	ug/kg	50	51.6	103	71-143	
cis-1,3-Dichloropropene	ug/kg	50	49.1	98	76-133	
Dibromochloromethane	ug/kg	50	47.8	96	77-131	
Dibromomethane	ug/kg	50	49.8	100	63-184	
Dichlorodifluoromethane	ug/kg	50	40.1	80	36-173	
Diisopropyl ether	ug/kg	50	51.9	104	68-144	
Ethylbenzene	ug/kg	50	48.2	96	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	45.9	92	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	48.1	96	77-143	
m&p-Xylene	ug/kg	100	98.3	98	72-138	
Methyl-tert-butyl ether	ug/kg	50	50.3	101	2-138	
Methylene Chloride	ug/kg	50	53.7	107	69-136	
n-Butylbenzene	ug/kg	50	46.8	94	65-128	
n-Propylbenzene	ug/kg	50	45.8	92	72-139	
Naphthalene	ug/kg	50	48.9	98	61-138	
o-Xylene	ug/kg	50	47.6	95	74-137	
p-Isopropyltoluene	ug/kg	50	47.5	95	66-128	
sec-Butylbenzene	ug/kg	50	45.7	91	72-140	
Styrene	ug/kg	50	50.6	101	76-137	
tert-Butylbenzene	ug/kg	50	45.4	91	68-141	
Tetrachloroethene	ug/kg	50	48.3	97	72-136	
Toluene	ug/kg	50	47.9	96	69-139	
trans-1,2-Dichloroethene	ug/kg	50	52.2	104	72-144	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

LABORATORY CONTROL SAMPLE: 29960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	48.9	98	73-135	
Trichloroethene	ug/kg	50	49.0	98	75-136	
Trichlorofluoromethane	ug/kg	50	53.8	108	69-144	
Vinyl acetate	ug/kg	100	122	122	50-150	
Vinyl chloride	ug/kg	50	49.1	98	61-145	
Xylene (Total)	ug/kg	150	151	100	73-138	
1,2-Dichloroethane-d4 (S)	%			101	69-121	
4-Bromofluorobenzene (S)	%			100	74-115	
Dibromofluoromethane (S)	%			108	79-116	
Toluene-d8 (S)	%			101	88-110	

MATRIX SPIKE SAMPLE: 30565

Parameter	Units	925692003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	53.4	72.0	135	33-158	
Benzene	ug/kg	ND	53.4	60.1	112	46-143	
Chlorobenzene	ug/kg	ND	53.4	63.3	118	29-159	
Toluene	ug/kg	ND	53.4	61.5	115	38-145	
Trichloroethene	ug/kg	ND	53.4	62.6	117	70-130	
1,2-Dichloroethane-d4 (S)	%				101	69-121	
4-Bromofluorobenzene (S)	%				98	74-115	
Dibromofluoromethane (S)	%				102	79-116	
Toluene-d8 (S)	%				99	88-110	

SAMPLE DUPLICATE: 30564

Parameter	Units	925691001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	0	
1,1,1-Trichloroethane	ug/kg	ND	ND	0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	0	
1,1,2-Trichloroethane	ug/kg	ND	ND	0	
1,1-Dichloroethane	ug/kg	ND	ND	0	
1,1-Dichloroethene	ug/kg	ND	ND	0	
1,1-Dichloropropene	ug/kg	ND	ND	0	
1,2,3-Trichlorobenzene	ug/kg	ND	ND	0	
1,2,3-Trichloropropane	ug/kg	ND	ND	0	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	0	
1,2,4-Trimethylbenzene	ug/kg	ND	ND	0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	0	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	0	
1,2-Dichlorobenzene	ug/kg	ND	ND	0	
1,2-Dichloroethane	ug/kg	ND	ND	0	
1,2-Dichloropropane	ug/kg	ND	ND	0	
1,3,5-Trimethylbenzene	ug/kg	ND	ND	0	
1,3-Dichlorobenzene	ug/kg	ND	ND	0	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

SAMPLE DUPLICATE: 30564

Parameter	Units	925691001 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND	0	
1,4-Dichlorobenzene	ug/kg	ND	ND	0	
2,2-Dichloropropane	ug/kg	ND	ND	0	
2-Butanone (MEK)	ug/kg	ND	ND	0	
2-Chlorotoluene	ug/kg	ND	ND	0	
2-Hexanone	ug/kg	ND	ND	0	
4-Chlorotoluene	ug/kg	ND	ND	0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	0	
Acetone	ug/kg	ND	46J	9	
Benzene	ug/kg	ND	ND	0	
Bromobenzene	ug/kg	ND	ND	0	
Bromochloromethane	ug/kg	ND	ND	0	
Bromodichloromethane	ug/kg	ND	ND	0	
Bromoform	ug/kg	ND	ND	0	
Bromomethane	ug/kg	ND	ND	0	
Carbon tetrachloride	ug/kg	ND	ND	0	
Chlorobenzene	ug/kg	ND	ND	0	
Chloroethane	ug/kg	ND	ND	0	
Chloroform	ug/kg	ND	ND	0	
Chloromethane	ug/kg	ND	ND	0	
cis-1,2-Dichloroethene	ug/kg	ND	1.9J	200	
cis-1,3-Dichloropropene	ug/kg	ND	ND	0	
Dibromochloromethane	ug/kg	ND	ND	0	
Dibromomethane	ug/kg	ND	ND	0	
Dichlorodifluoromethane	ug/kg	ND	ND	0	
Diisopropyl ether	ug/kg	ND	ND	0	
Ethylbenzene	ug/kg	ND	ND	0	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	0	
Isopropylbenzene (Cumene)	ug/kg	ND	ND	0	
m&p-Xylene	ug/kg	ND	ND	0	
Methyl-tert-butyl ether	ug/kg	ND	ND	0	
Methylene Chloride	ug/kg	ND	10.1J	125	
n-Butylbenzene	ug/kg	ND	ND	0	
n-Propylbenzene	ug/kg	ND	ND	0	
Naphthalene	ug/kg	ND	ND	0	
o-Xylene	ug/kg	ND	ND	0	
p-Isopropyltoluene	ug/kg	ND	ND	0	
sec-Butylbenzene	ug/kg	ND	ND	0	
Styrene	ug/kg	ND	ND	0	
tert-Butylbenzene	ug/kg	ND	ND	0	
Tetrachloroethene	ug/kg	29.6	103	110	R1
Toluene	ug/kg	ND	ND	0	
trans-1,2-Dichloroethene	ug/kg	ND	ND	0	
trans-1,3-Dichloropropene	ug/kg	ND	ND	0	
Trichloroethene	ug/kg	ND	ND	0	
Trichlorofluoromethane	ug/kg	ND	ND	0	
Vinyl acetate	ug/kg	ND	ND	0	
Vinyl chloride	ug/kg	ND	ND	0	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

SAMPLE DUPLICATE: 30564

Parameter	Units	925691001 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND	0	
1,2-Dichloroethane-d4 (S)	%	110	96	30	
4-Bromofluorobenzene (S)	%	95	98	13	
Dibromofluoromethane (S)	%	110	111	16	
Toluene-d8 (S)	%	101	97	21	

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

QC Batch: GCV/1255 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: MADEP VPH NC Soil
Associated Lab Samples: 925704001, 925704002, 925704003, 925704004

METHOD BLANK: 30111
Associated Lab Samples: 925704001, 925704002, 925704003, 925704004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	10.0	
Aliphatic (C09-C12)	mg/kg	ND	10.0	
Aromatic (C09-C10)	mg/kg	ND	10.0	
2,5-Dibromotoluene (FID)(S)	%	105	70-130	
2,5-Dibromotoluene (PID)(S)	%	102	70-130	

LABORATORY CONTROL SAMPLE & LCSD: 30112 30113

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	20	17.3	16.4	87	82	70-130	6	25	
Aliphatic (C09-C12)	mg/kg	5	ND	ND	90	76	30-130	17	25	
Aromatic (C09-C10)	mg/kg	5	ND	ND	85	90	70-130	6	25	
2,5-Dibromotoluene (FID)(S)	%				111	115	70-130			
2,5-Dibromotoluene (PID)(S)	%				109	107	70-130			

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: FOODCRAFT EQUIPMENT 13869
Pace Project No.: 925704

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
R1	RPD value was outside control limits.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

Page: of 0998347

Section A — Required Client Information:

Company	Force and Associates
Address	147 Vera Rd Suite F
	Lexington SC 29072
Email To:	
Phone	803-359-3200
Fax	803-359-6682
Requested Due Date/TAT:	

Section B — Required Project Information:

Report To:	Greg Force
Copy To:	
Purchase Order No.:	
Project Name:	Foodcraft Equipment
Project Number:	13869

Section C — Invoice Information:

Attention:	Greg
Company Name:	Same
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	1648-8,7

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☒NC ☐OH ☐SC ☐WI ☐OTHER_____

Section D — Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: 8260, IPE, MTBE; MADEP VPH; 6230 D; Lead 3030	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	SB-1@10'			10/10/07	1400				7	2					2	3		X	X		92570400 1
2	SB-1@20'			10/10/07	1430				7	2					2	3		X	X		2
3	SB-1@25'			10/10/07	1500				7	2					2	3		X	X		3
4	SB-1@30'			10/10/07	1530				7	2					2	3		X	X		4
5	MW-1			10/10/07	1710				7				16						XXX		5
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[illegible]	10/12/07	6:30	[illegible]	10/12/07	18:20

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
3.0	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jarrett Bost

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 10/12/07

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

December 18, 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7006 2150 0005 7207 7708

Lilian Kroustalis
1251 Yorkshire Road
Winston-Salem, NC 27106-5451

RE: Notice of No Further Action
15A NCAC 2L .0115(h)
Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks
599 South Stratford Road
Winston-Salem, Forsyth County, NC
DWM Incident # 13869

Dear Ms. Kroustalis:

On November 26, 2007, the Division of Waste Management received a report summarizing assessment activities completed at the referenced site. Review of the report shows that soil and groundwater samples collected at the site did not contain petroleum contaminants at concentrations exceeding the established North Carolina standards. However, an Acetone concentration of 4.47 milligrams per kilograms was detected in soil samples collected at the site. Furthermore, Tetrachloroethene, Chloroform, and Chloromethane were detected in groundwater samples at a concentration of 0.81 micrograms/liter (µg/l), 12.8 µg/l and 0.83 µg/l, respectively, which exceed the North Carolina 2L Standards. Due to the presence of chlorinated compounds, this site is being referred to the North Carolina Inactive Hazardous Sites Branch for potential additional assessment.

Based on information provided to date, the UST Section finds it appropriate to classify the risk of the discharge or release as low. Furthermore, the UST Section determines that no further action is warranted for this incident with respect to the petroleum products formerly stored at the site. This determination shall apply unless the UST Section later determines that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment or additional information is provided to warrant re-assessment of the site.

Pursuant to 15A NCAC 2L .0407, you have a continuing obligation to notify the UST Section of any changes that you know of or should know of, that might affect the level of risk assigned to the discharge or release.

If you have any questions concerning this notice, please contact Herb Berger at 919-733-1319.

Sincerely,

George C. Matthis, Jr.
Trust Fund Branch Head

CC Cindy Rintoul, WSRO
Greg Force, Force Environmental Services, 147 Vera Road, Suite F, Lexington, SC 29072
Charlotte Jesneck, Head, Inactive Hazardous Sites Branch

HB 13869 NFA w Chlorinated Compounds

NCDENR
North Carolina Department of Environment and Natural Resources
Dexter R. Matthews, Director
Division of Waste Management
Michael F. Easley, Governor
William G. Ross Jr., Secretary

February 28, 2008

Ms. Lilian Kroustalis
1251 Yorkshire Road
Winston-Salem, NC 27106-5451

Re: **NOTICE OF REGULATORY REQUIREMENTS FOR CONTAMINANT ASSESSMENT AND CLEANUP**

599 South Stratford Road
Winston-Salem, Forsyth
UST Incident #13869

Dear Ms. Kroustalis:

We received a letter from the Division of Waste Management – Underground Storage Tank Section, dated 12/18/07, which discusses a Corrective Action Report summarizing assessment activities at the referenced site at 599 South Stratford Road in Winston-Salem, NC. The letter states that your site has been contaminated by one or more hazardous substances. Depending on the contaminants involved and whether the contaminants have impacted or may impact groundwater quality, you will be required to assess and cleanup the contamination under one or more cleanup authorities. Regulatory oversight for the assessment and cleanup under all applicable authorities will be provided by the Division of Waste Management through its Superfund Section, Inactive Hazardous Sites Branch ("Branch").

Based on information provided to date, the Inactive Hazardous Sites Response Act ("IHSRA"), codified under N.C. Gen. Stat. § 130A-310, et seq., applies to your site. In addition, initial immediate actions may be required under 15A NCAC 2L, Groundwater Classifications and Standards.

I. ACTIONS REQUIRED AT THIS TIME:

Complete the Site Cleanup Questionnaire.
To comply with the requirements of State law, a Site Cleanup Questionnaire, available on the website noted at the end of this letter, must be completed and returned to this office. The information you provide will be reviewed along with other information to prioritize the site, so please make certain that the information you provide is complete and accurate. Please note that your failure to inform the Branch of any nearby potable wells or other high risk conditions may adversely affect the Branch's ability to identify this site as a higher-risk site.

Take Initial Abatement Actions Required Under 15A NCAC 2L.
If you have not already done so, you must take the initial abatement actions required under 15A NCAC 2L. Pursuant to 15A NCAC 2L .0106(b), any person conducting or controlling an activity which results in the discharge of a waste or hazardous substance to the groundwaters of the State, or in proximity thereto, shall take immediate action to terminate and control the discharge, and mitigate any hazards resulting from exposure to the pollutants. Pursuant to 15A NCAC 2L .0106(c), if groundwater standards have been exceeded, you must take immediate action to eliminate the source or sources of contamination. Beyond initial abatement actions, all assessment and remediation will be done through the IHSRA.

II. FUTURE ASSESSMENT AND CLEANUP ACTIVITIES:

All correspondence regarding this site should be sent to the Branch. Future assessment and cleanup activities (activities conducted after the initial abatement steps required in 15A NCAC 2L) may be conducted through the Voluntary Cleanup Program (discussed below) or pursuant to an Order issued under N.C. Gen. Stat. § 130A-310.3. In addition, if you choose not to conduct a cleanup through the Voluntary Cleanup Program, the site may be referred to the United States Environmental Protection Agency ("EPA"). If so referred, EPA will screen the site for Federal enforcement action under the Federal Superfund Program, established under the Comprehensive Environmental Responsibility, Compensation, and Liability Act ("CERCLA").

III. VOLUNTARY CLEANUP PROGRAM:

Under the IHSRA, persons who move forward to assess and remediate contamination, without being compelled to do so through formal legal action filed against them, are called "volunteers." To participate in the voluntary cleanup program, you will be required to enter into an administrative agreement with the Branch. The voluntary cleanup will proceed through the Registered Environmental Consultant Program or under direct oversight by the Branch Staff, as discussed below:

Agreement to Conduct Assessment and Remediation Through the Registered Environmental Consultant Program.
The Branch has a privatized oversight arm of the voluntary cleanup program known as the Registered Environmental Consultant ("REC") program. Based on the responses provided on the questionnaire (degree of hazard and public interest in the site), the Branch will determine whether a staff person or an REC will perform the oversight and approval of your assessment and cleanup action. Please note that having one or more of the conditions identified on the questionnaire does not necessarily preclude the site for qualifying for an REC-directed cleanup action.

Under the REC program, the volunteer hires an environmental consulting firm, which the State has approved as having met certain qualifications, to implement a cleanup and certify that the work is being performed in compliance with regulations. In other words, the REC's certifications of compliance are in place of direct oversight by the Branch. Details of the REC program can be found at http://www.wastenotnc.org/sfhome/recprog.htm. If you have any questions specific to the REC Program, including how to participate, please contact the REC Program Manager, Kim Caulk, at (919) 508-8451.

Agreement to Conduct Assessment and Remediation Under State Oversight.
If the Branch determines that the site should be assessed and remediated pursuant to direct State oversight, it will not be eligible for a REC-directed cleanup. Rather, the remedial action will receive direct oversight by Branch staff.

IV. FAILURE TO RESPOND:

If we do not receive a completed questionnaire, the Branch will take further action to prioritize the site without your input. Failure to take the initial abatement steps required in 15A NCAC 2L may result in the assessment of a civil penalty against you. In addition, the Branch may seek an injunction compelling compliance with the initial abatement steps required in 15A NCAC 2L. For future work beyond the initial abatement steps required pursuant to 15A NCAC 2L, a unilateral Order may be issued pursuant to § 130A-310.3 to compel assessment and cleanup.

V. ADDITIONAL INFORMATION REGARDING THE IHSRA AND THE BRANCH:

People are often confused by the name of the Inactive Hazardous Sites Response Act and the Branch. By definition, "Inactive Hazardous Sites" are any areas where hazardous substances have come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" simply refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. Additional information about the Branch may be found at http://www.wastenotnc.org/sfhome/ihsbrnch.htm.

Submit completed questionnaire to:

Collin Day
Inactive Hazardous Sites Branch
585 Waughtown Street
Winston-Salem, NC 27107

If you have additional questions about the requirements that apply to your site, please contact Collin Day at (336) 771-5000, or me at (704) 663-1699.

Sincerest Regards,

Bruce R. Parris, Western Regional Supervisor
Inactive Hazardous Sites Branch
Superfund Section

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

RECEIVED
N.C. Dept. of ENR
MAR 13 2009
Winston-Salem
Regional Office

DIVISION OF WATER QUALITY DWQ

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41233
PO Number # 9G0288
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/10/2009

JC 3/11/09

Location ID:	NCD002864MW1	Collect Date:	02/20/2009	Collect Time::	10:45	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

2/20/09
GW Sampling
Results.

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW1	Sample ID	AB41233
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	10:45

CAS #	Analyte Name		PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab			1.1		°C	HPARKER	SMATHIS
	Method Reference						3/3/09	3/3/09
VOL								
	Volatile Organics in liquid			_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane		1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride		10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether		0.25	0.18	N3	ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform		0.25	0.87		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW1	Sample ID	AB41233
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID:		Collect Time::	10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	0.33		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW1	Sample ID	AB41233
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW1	Sample ID	AB41233
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

COC

GROUNDWATER FIELD/LAB FORM

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT SUPERFUND SECTION-IHSB

Location Code: NCD002864MW1 ~~NCD002864MW1~~ TCP 3/2/09
COUNTY : Forsyth
QUAD NO: Serial No.
Lat. Long.

REPORT TO : WSRO
SHIPPED BY : COURIER

SAMPLE TYPE	SAMPLE PRIORITY
[X] Water	[X] Routine
[ ] Soil	[ ] Emergency
[ ] Other	
[X] Chain of Custody	

MW-1

Lab Number 960288 AB41233
Date Received 3-3-09 Time: 0820
Rec'd By: From: Bus, Courier, Hand Del.,
Other: Hp
Data Entry By: Ck:
Data Reported:

COLLECTOR(S) C. Day DATE: 2/20/09
FIELD ANALYSES C. Day TIME: 1045
pH 400 NA Spec. Cond.94 NA at 25°C
Temp. NA Odor NA
Appearance NA
Field Analysis By: C. Day

Purpose: (Baseline), Complaint, Compliance, LUST, Pesticide Study, Other RESOURCE EVALUATION
Owner: Alex Kroustalis
Location or Site: Consignment Furniture 599 S. Stratford Road Winston-Salem NC 271
Description of sampling point Monitoring Well
Sampling Method: Grab (Pump, bailer, etc)
Remarks: (Pumping Time, Air Temp., etc.)

LABORATORY ANALYSIS

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC	mg/l
	Turbidity	NTU
	Residue., Suspended 530	mg/L
	pH	units
	Alkalinity to pH 4.5	mg/L
	Alkalinity to pH 8.3	mg/L
	Carbonate	mg/L
	Bicarbonate	mg/L
	Carbon dioxide	mg/L
	Chloride	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	c.u.
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: total 900	mg/L
	Hardness: (non-carb) 902	mg/L
	Phenols 32730	ug/L
	Specific Cond. 95	umhos/cm2
	Sulfate	mg/L
	Sulfide 745	mg/L
		mg/L
	Oil and Grease	mg/L
	SILICA	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO2 +NO3 as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO3 as N) 620	mg/L
	Nitrite (NO2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadium 46559	ug/L
	Cr-Chromium 46560	ug/L
	Cu- Copper 1042	ug/L
	Fe- Iron 1045	ug/L
	Hg- Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg- Magnesium 927	mg/L
	Mn-Manganese 1055	ug/L
	Na- Sodium 929	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	Semivolatiles
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
	1,4 Dioxane
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
TEMPERATURE ON ARRIVAL: 1.1

LAB COMMENTS :

GW-54 REV. 7/03 *FOR DISSOLVED ANALYSIS - SUBMIT FILTERED SAMPLE AND WRITE "DIS" IN BLOCK*

DWM Field-Lab Form for Interactive k Copy

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP

Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

RECEIVED
N.C. Dept. of ENR
MAR 13 2009
Winston-Salem
Regional Office

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41231
PO Number # 9G0286
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/10/2009

QC 3/11/09

Location ID:	NCD002864MW3	Collect Date:	02/20/2009	Collect Time::	11:25	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	0.13	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	3.2		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW3	Sample ID	AB41231
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
91-20-3	Naphthalene	0.50	0.30	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

COC

GROUNDWATER FIELD/LAB FORM

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT - SUPERFUND SECTION

Location Code: NCD002864 MW3.
COUNTY : ~~Rockingham~~ Forsyth
QUAD NO: _____ Serial No. _____
Lat. _____ Long. _____

REPORT TO : Collin Day-WSRO CD 3/2/09
SHIPPED BY : ~~Collin Day-WSRO~~ Courier

COLLECTOR(S) ~~C. Day/Bonnie Ware~~ C. Day CD 3/2/09
FIELD ANALYSES

DATE: 2/26/09
TIME: ~~2440~~ 1125

pH 400 NA Spec. Cond.94 NA at 25°C
Temp. NA Odor NA
Appearance NA
Field Analysis By: Collin Day/~~Harry Zinn~~ CD 3/2/09

SAMPLE TYPE	SAMPLE PRIORITY
[X] Water	[X] Routine
[ ] Soil	[ ] Emergency
[ ] Other	
[X] Chain of Custody	

MW-3

Lab Number 960286 AB4/231
Date Received 3-3-09 Time: 0800
Rec'd By: From: Bus, Courier, Hand Del
Other: Hp
Data Entry By: _____ Ck: _____
Data Reported: _____

Purpose: (Baseline), Complaint, Compliance, LUST, Pesticide Study, Other ____ RESOURCE EVALUATION
Owner: Alex Kroustalis
Location or Site: Consignment Furniture 599 S. Stratford Road Winston-Salem, NC 2710
Description of sampling point monitoring well
Sampling Method: Grab (Pump, bailer, etc)
Remarks: (Pumping Time, Air Temp., etc.)

LABORATORY ANALYSIS

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC	mg/l
	Turbidity	NTU
	Residue., Suspended 530	mg/L
	pH	units
	Alkalinity to pH 4.5	mg/L
	Alkalinity to pH 8.3	mg/L
	Carbonate	mg/L
	Bicarbonate	mg/L
	Carbon dioxide	mg/L
	Chloride	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	c.u.
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: total 900	mg/L
	Hardness: (non-carb) 902	mg/L
	Phenols 32730	ug/L
	Specific Cond. 95	umhos/cm2
	Sulfate	mg/L
	Sulfide 745	mg/L
		mg/L
	Oil and Grease	mg/L
	SILICA	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO2 +NO3 as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO3 as N) 620	mg/L
	Nitrite (NO2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadium 46559	ug/L
	Cr-Chromium 46560	ug/L
	Cu- Copper 1042	ug/L
	Fe- Iron 1045	ug/L
	Hg- Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg- Magnesium 927	mg/L
	Mn-Manganese 1055	ug/L
	Na- Sodium 929	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	Semivolatiles
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
~~X~~	~~1,4-dioxane~~ CD 3/2/09
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
TEMPERATURE ON ARRIVAL: 1.1

LAB COMMENTS :

GW-54 REV. 7/03 *FOR DISSOLVED ANALYSIS - SUBMIT FILTERED SAMPLE AND WRITE "DIS" IN BLOCK*

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP

Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

RECEIVED
N.C. Dept. of ENR
MAR 13 2009
Winston-Salem
Regional Office

DIVISION OF WATER QUALITY DWQ

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41232
PO Number # 9G0287
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09

Report Generated: 03/10/2009

JC 3/11/09

Location ID:	NCD002864MW3T	Collect Date:	02/19/2009	Collect Time::	14:19	Sample Depth	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW3T	Sample ID	AB41232
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/19/2009
Visit ID		Collect Time::	14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW3T	Sample ID	AB41232
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/19/2009
Visit ID		Collect Time::	14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW3T	Sample ID	AB41232
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/19/2009
Visit ID		Collect Time::	14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.25	0.15	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.25	0.20	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW3T	Sample ID	AB41232
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/19/2009
Visit ID		Collect Time::	14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
91-20-3	Naphthalene	0.50	0.40	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

COC

GROUNDWATER FIELD/LAB FORM

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT - SUPERFUND SECTION

Location Code: NCD002864MW3T
COUNTY : ~~Rockingham~~ Forsyth
QUAD NO: _____ Serial No. _____
Lat. _____ Long. _____

REPORT TO : Collin Day-WSRO
SHIPPED BY : ~~Collin Day-WSRO~~ Courier 2/19/09
~~CD 3/2/09~~

COLLECTOR(S) C. Day/~~Bonnie Ware~~ CD 3/2/09
DATE: 3/19/09
TIME: 2440 1419

FIELD ANALYSES
pH 400 NA Spec. Cond.94 NA at 25°C
Temp. NA Odor NA
Appearance NA
Field Analysis By: Collin Day/~~Harry Zinn~~ CD 3/2/09

SAMPLE TYPE	SAMPLE PRIORITY
[X] Water	[X] Routine
[ ] Soil	[ ] Emergency
[ ] Other	
[X] Chain of Custody	

MW-3-WT

Lab Number 9G0287 ABU1232
Date Received 3-3-09 Time: 0800
Rec'd By: From: Bus, Courier, Hand Del.,
Other: Hp
Data Entry By: _____ Ck: _____
Data Reported: _____

Purpose: (Baseline) Complaint, Compliance, LUST, Pesticide Study, Other ____ RESOURCE EVALUATION
Owner: Alex Kroustalis
Location or Site: Consignment Furniture 599 S. Stratford Road Winston-Salem, NC 27104
Description of sampling point Monitoring well
Sampling Method: Grab (Pump, bailer, etc)
Remarks: (Pumping Time, Air Temp., etc.)

LABORATORY ANALYSIS

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC	mg/l
	Turbidity	NTU
	Residue., Suspended 530	mg/L
	pH	units
	Alkalinity to pH 4.5	mg/L
	Alkalinity to pH 8.3	mg/L
	Carbonate	mg/L
	Bicarbonate	mg/L
	Carbon dioxide	mg/L
	Chloride	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	c.u.
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: total 900	mg/L
	Hardness: (non-carb) 902	mg/L
	Phenols 32730	ug/L
	Specific Cond. 95	umhos/cm2
	Sulfate	mg/L
	Sulfide 745	mg/L
		mg/L
	Oil and Grease	mg/L
	SILICA	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO2 +NO3 as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO3 as N) 620	mg/L
	Nitrite (NO2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadium 46559	ug/L
	Cr-Chromium 46560	ug/L
	Cu- Copper 1042	ug/L
	Fe- Iron 1045	ug/L
	Hg- Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg- Magnesium 927	mg/L
	Mn-Manganese 1055	ug/L
	Na- Sodium 929	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	Semivolatiles
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
~~X~~	~~1,4-dioxane~~ CD 3/2/09
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range
LAB USE ONLY	
TEMPERATURE ON ARRIVAL:	1.1

LAB COMMENTS : _____

GW-54 REV. 7/03 *FOR DISSOLVED ANALYSIS - SUBMIT FILTERED SAMPLE AND WRITE "DIS" IN BLOCK*

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

RECEIVED
N.C. Dept. of ENR
MAR 13 2009
Winston-Salem
Regional Office

DIVISION OF WATER QUALITY DWQ

VisitID
Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41230
PO Number # 9G0285
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/10/2009

QC 3/11/09

Location ID: NCD002864MW2	Collect Date: 02/20/2009	Collect Time:: 12:00	Sample Depth

Sample Qualifiers and Comments

VOL: P1 - (3/3/09) Dil x 2

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: NCD002864MW2
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41230
Collect Date: 02/20/2009
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	2.7		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	0.59		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW2	Sample ID	AB41230
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	13		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	1.1		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	4.1		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW2	Sample ID	AB41230
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	17		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.50	16	P1	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	0.38		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	1.2		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	6.8		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.50	17	P1	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	0.19	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID:	NCD002864MW2	Sample ID	AB41230
Loc. Descr.:	ALEX KROUSTALIS	Collect Date:	02/20/2009
Visit ID		Collect Time::	12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
	ALKENES		170	N1	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
	KETONES		2.8	N1	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

COC

GROUNDWATER FIELD/LAB FORM

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT SUPERFUND SECTION-IHSB

Location Code: NCD002864MW2
COUNTY : Forsyth
QUAD NO: ____ Serial No. ____
Lat. ____ Long. ____

REPORT TO : WSRO
SHIPPED BY : COURIER

SAMPLE TYPE	SAMPLE PRIORITY
[X] Water	[X] Routine
[ ] Soil	[ ] Emergency
[ ] Other	
[X] Chain of Custody	

MW-2

Lab Number 960285 AB4/230
Date Received 3-3-09 Time: 0800
Rec'd By: ____ From: Bus, Courier, Hand Del.,
Other: HP
Data Entry By: ____ Ck: ____
Data Reported: ____

COLLECTOR(S) C. Day DATE: 2/20/09
FIELD ANALYSES C. Day TIME: 1200

Purpose (Baseline), Complaint, Compliance, LUST, Pesticide Study, Other ____ RESOURCE EVALUATION ____
Owner: & Alex Kroustalis - ~~Consignment Fu~~
Location or Site: Consignment Furniture - 599 S. Stratford Road, Winston-Salem NC 27104
Description of sampling point: Monitoring Well
Sampling Method: Grab (Pump, bailer, etc)
Remarks: ____ (Pumping Time, Air Temp., etc.)

pH 400 NA Spec. Cond.94 NA at 25°C
Temp. NA Odor NA
Appearance clear
Field Analysis By: C. Day

LABORATORY ANALYSIS

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC	mg/l
	Turbidity	NTU
	Residue., Suspended 530	mg/L
	pH	units
	Alkalinity to pH 4.5	mg/L
	Alkalinity to pH 8.3	mg/L
	Carbonate	mg/L
	Bicarbonate	mg/L
	Carbon dioxide	mg/L
	Chloride	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	c.u.
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: total 900	mg/L
	Hardness: (non-carb) 902	mg/L
	Phenols 32730	ug/L
	Specific Cond. 95	umhos/cm2
	Sulfate	mg/L
	Sulfide 745	mg/L
		mg/L
	Oil and Grease	mg/L
	SILICA	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO2 +NO3 as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO3 as N) 620	mg/L
	Nitrite (NO2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadium 46559	ug/L
	Cr-Chromium 46560	ug/L
	Cu- Copper 1042	ug/L
	Fe- Iron 1045	ug/L
	Hg- Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg- Magnesium 927	mg/L
	Mn-Manganese 1055	ug/L
	Na- Sodium 929	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	Semivolatiles
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
	1,4 Dioxane
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
TEMPERATURE ON ARRIVAL: 1

LAB COMMENTS : ____

GW-54 REV. 7/03 *FOR DISSOLVED ANALYSIS - SUBMIT FILTERED SAMPLE AND WRITE "DIS" IN BLOCK*

DWM Field-Lab Form for Interactive k Copy

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP

Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

DIVISION OF WATER QUALITY DWQ

RECEIVED
N.C. Dept. of ENR
MAR 1 3 2009
Winston-Salem
Regional Office

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41234
PO Number # 9G0289
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/6/09
Report Generated: 03/06/2009

QC 3/9/09

Location ID:	NCD002864TB01	Collect Date:	02/19/2009	Collect Time::	08:00	Sample Depth	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: NCD002864TB01
Lab. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

NC DWQ Laboratory Section Results

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

NC DWQ Laboratory Section Results

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

NC DWQ Laboratory Section Results

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
	VOC'S BY GC/MS		Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

COC

GROUNDWATER FIELD/LAB FORM

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT - SUPERFUND SECTION

Location Code: NCD002864TB01
COUNTY : ~~Rockingham~~ Forsyth CD 3/2/09
QUAD NO: _____ Serial No. _____
Lat. _____ Long. _____

REPORT TO : Collin Day-WSRO
SHIPPED BY : ~~Collin Day-WSRO~~ Courier CD 3/2/09

SAMPLE TYPE	SAMPLE PRIORITY
[X] Water	[X] Routine
[ ] Soil	[ ] Emergency
[ ] Other	
[X] Chain of Custody	

Trip Blank

Lab Number 96-0289 AD41234
Date Received 3-3-09 Time: 0800
Rec'd By: From: Bus, Courier, Hand Del.,
Other: HP
Data Entry By: HP Ck:
Data Reported: _____

COLLECTOR(S) C. Day/~~Bonnie Ware~~ CD 3/2/09 DATE: 2/19/09
FIELD ANALYSES TIME: 2440 0800

pH 400 NA Spec. Cond.94 NA at 25°C
Temp. NA Odor NA
Appearance NA
Field Analysis By: ~~Collin Day/Harry Zinn~~ 3/2/09

Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Other____ RESOURCE EVALUATION
Owner: Alex Koustelis
Location or Site: Consignment Furniture 599 S. Stratford Road, Winston-Salem, NC 27104
Description of sampling point Trip Blank
Sampling Method: Grab (Pump, bailer, etc)
Remarks: (Pumping Time, Air Temp., etc.)

LABORATORY ANALYSIS

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC	mg/l
	Turbidity	NTU
	Residue, Suspended 530	mg/L
	pH	units
	Alkalinity to pH 4.5	mg/L
	Alkalinity to pH 8.3	mg/L
	Carbonate	mg/L
	Bicarbonate	mg/L
	Carbon dioxide	mg/L
	Chloride	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	c.u.
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: total 900	mg/L
	Hardness: (non-carb) 902	mg/L
	Phenols 32730	ug/L
	Specific Cond. 95	umhos/cm2
	Sulfate	mg/L
	Sulfide 745	mg/L
		mg/L
	Oil and Grease	mg/L
	SILICA	mg/L
	NH3 as N 610	mg/L
	TKN as N 625	mg/L
	NO2 +NO3 as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO3 as N) 620	mg/L
	Nitrite (NO2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadium 46559	ug/L
	Cr-Chromium 46560	ug/L
	Cu- Copper 1042	ug/L
	Fe- Iron 1045	ug/L
	Hg- Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg- Magnesium 927	mg/L
	Mn-Manganese 1055	ug/L
	Na- Sodium 929	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	Semivolatiles
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
~~X~~	~~1,4-dioxane~~ CD 3/2/09
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range
	LAB USE ONLY
	TEMPERATURE ON ARRIVAL: 4

LAB COMMENTS : _____

GW-54 REV. 7/03 *FOR DISSOLVED ANALYSIS - SUBMIT FILTERED SAMPLE AND WRITE "DIS" IN BLOCK*

GeoScience & Technology, P.A.
"Practical Engineering & Environmental Solutions"
2050 Northpoint Drive • Suite A • Winston-Salem, NC 27106
Phone: (336) 896-1300 • Fax: (336) 896-1020
e-mail: geosci@geotec.com

March 4, 2009

NCDENR/DWQ
Division of Water Quality – Information Management
1617 Mail Service Center
Raleigh, NC 27699-1617

Re: Monitoring Well Installation
599 S. Stratford Road
Winston-Salem, Forsyth Co., NC
IHSB Inventory No. NONCD0002864

To whom it may concern:

Attached, please find three (3) well construction records for monitoring well MW1, MW2 and MW3, recently installed at the above referenced site as part of an assessment requested by the Inactive Hazardous Waste Branch (IHSB Inventory No. NONCD0002864). These well records are being submitted to the Division of Water Quality – Information Management to comply with the requirements of the NC Well Construction Standards.

Should you need to discuss this matter or require further information, please contact me.

Sincerely,
Geoscience and Technology, P.A.

R. Jeff Wyatt
NC Certified Well Driller # 3022

cc: Mr. Alex Kroustalis, Cup and Saucer Properties
Mr. Collin Day NCDENR/WSRO/Superfund

Encl./

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW1
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other ☐ (list use)
DATE DRILLED 2/17/09
TIME COMPLETED AM ☐ PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☒ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY- is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 29.32 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness/ Weight	Material
From 0.0	To 30	Ft.		2 inch.	Sch. 40	PVC
From	To	Ft.				
From	To	Ft.				

7. GROUT:

	Depth			Material	Method
From 0.0	To 23	Ft.		N. Cement	Slurry
From	To	Ft.			
From	To	Ft.			

8. SCREEN:

	Depth			Diameter		Slot Size		Material
From 30	To 40	Ft.		2	in.	0.10	in.	PVC
From	To	Ft.			in.		in.	
From	To	Ft.			in.		in.	

9. SAND/GRAVEL PACK:

	Depth			Size	Material
From 26	To 40	Ft.		No. 2	Filter Sand
From	To	Ft.			
From	To	Ft.			

10. DRILLING LOG

From	To		Formation Description
0	1.0	ft.	Asphalt and aggregate
1.0	6.0	ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20	ft.	Clayey silt, v. wea. mica gneiss
20	40	ft.	Saprolite, mica gneiss
	40	ft.	Bottom of boring.

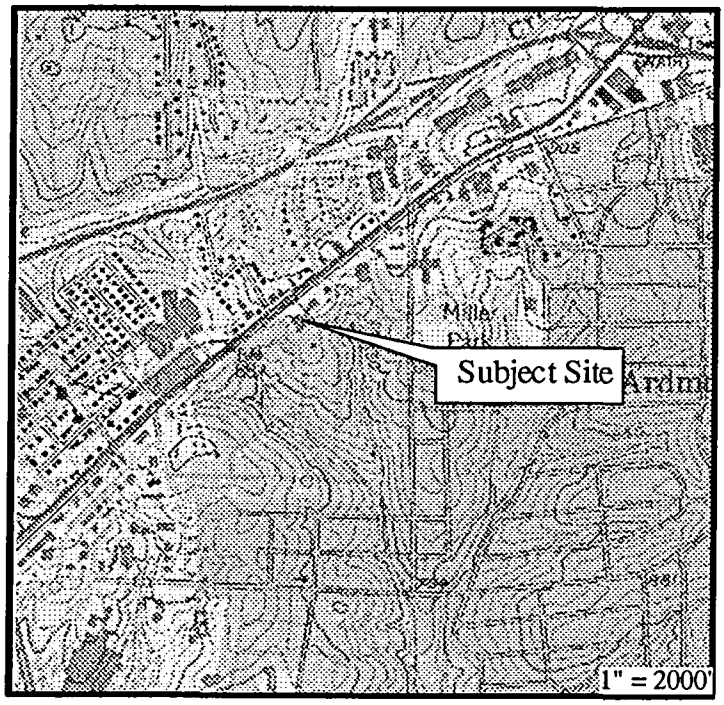
11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW1

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R. J. Wyatt 3-4-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
R. J. Wyatt and M. Alex McGilvary
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

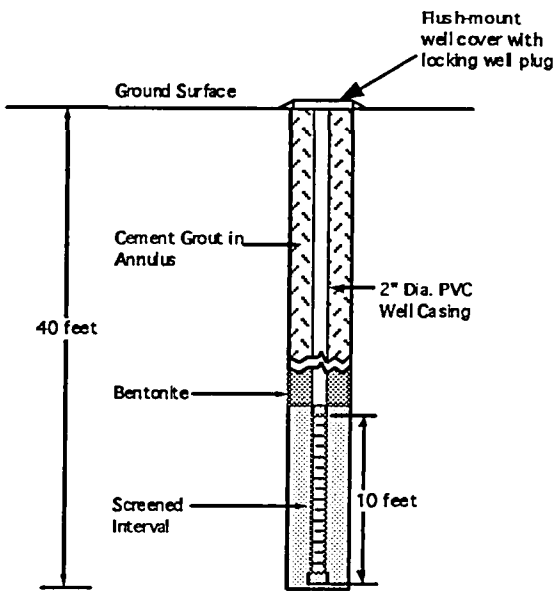
Form GW-1b



N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title:	Project:	Scale:	
Mon. Well MW1 599 S. Stratford Rd., Winston-Salem, NC	599 S. Stratford Rd.	NTS	GeoScience & Technology, P. A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code - Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW2
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other ☐ (list use)
DATE DRILLED 2/19/09
TIME COMPLETED AM ☐ PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley X Flat Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY- Is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 28.98 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0.0	To 30	Ft.	2 inch.	Sch. 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0.0	To 23	Ft.	N. Cement	Slurry
From	To	Ft.		
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 30	To 40	Ft.	2 in.	0.10 in.	PVC
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 26	To 40	Ft.	No. 2	Filter Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	1.0 ft.	Asphalt and aggregate
1.0	6.0 ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20 ft.	Clayey silt, v. wea. mica gneiss
20	40 ft.	Saprolite, mica gneiss
	40 ft.	Bottom of boring.

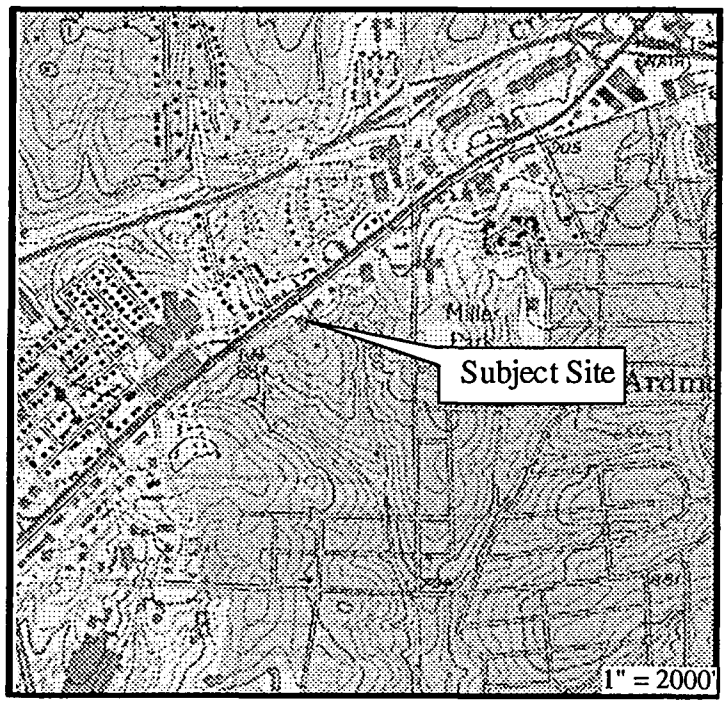
11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW2. Well MW2 located near previous LSA well in former UST area.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R. J. Wyatt 3-4-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
R. J. Wyatt and Steve E. Mason
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

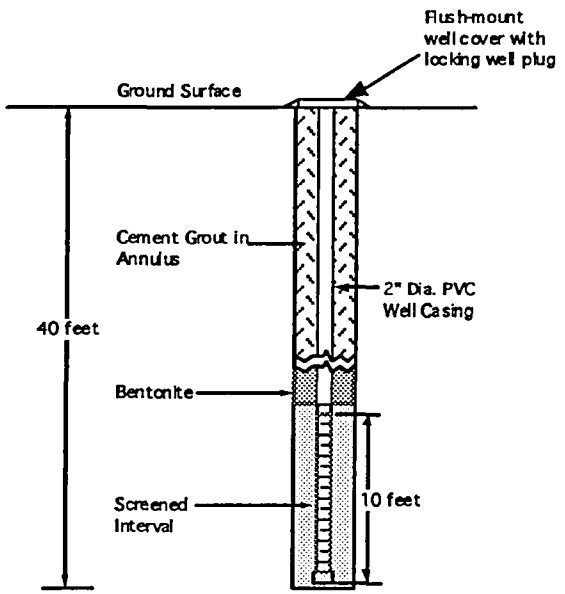
Form GW-1b



N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title: Mon. Well MW2 599 S. Stratford Rd., Winston-Salem, NC	Project: 599 S. Stratford Rd.	Scale: NTS	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code - Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW3
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other ☐ (list use)
DATE DRILLED 2/19/09
TIME COMPLETED AM ☐ PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☒ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY - Is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 25.45 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness/ Weight	Material
From 0.0	To 30	Ft.		2 inch.	Sch. 40	PVC
From	To	Ft.				
From	To	Ft.				

7. GROUT:

	Depth			Material	Method
From 0.0	To 23	Ft.		N. Cement	Slurry
From	To	Ft.			
From	To	Ft.			

8. SCREEN:

	Depth			Diameter		Slot Size		Material
From 30	To 40	Ft.	2	in.	0.10	in.	PVC
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

Depth			Size	Material
From 26	To 40	Ft.	No. 2	Filter Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To		Formation Description
0	1.0	ft.	Asphalt and aggregate
1.0	6.0	ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20	ft.	Clayey silt, v. wea. mica gneiss
20	40	ft.	Saprolite, mica gneiss
	40	ft.	Bottom of boring.

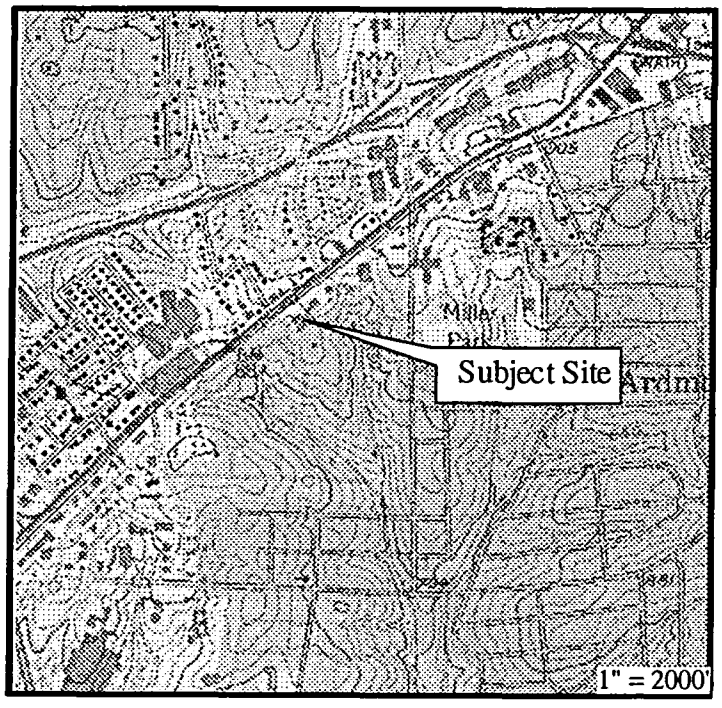
11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW3

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R. J. Wyatt — 3-9-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
R. J. Wyatt and Steve E. Mason
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

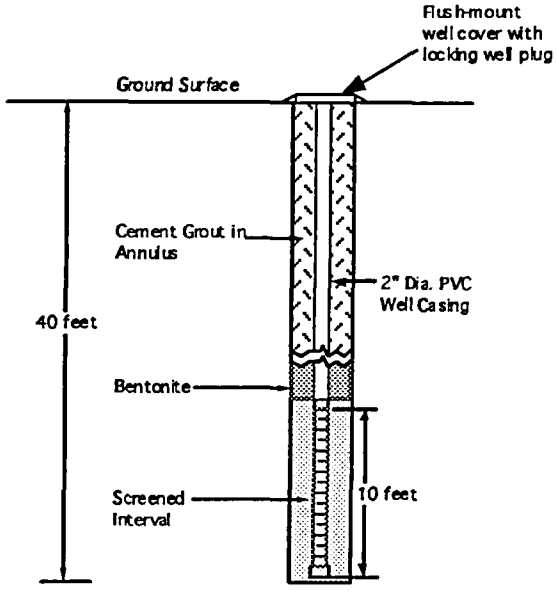
Form GW-1b



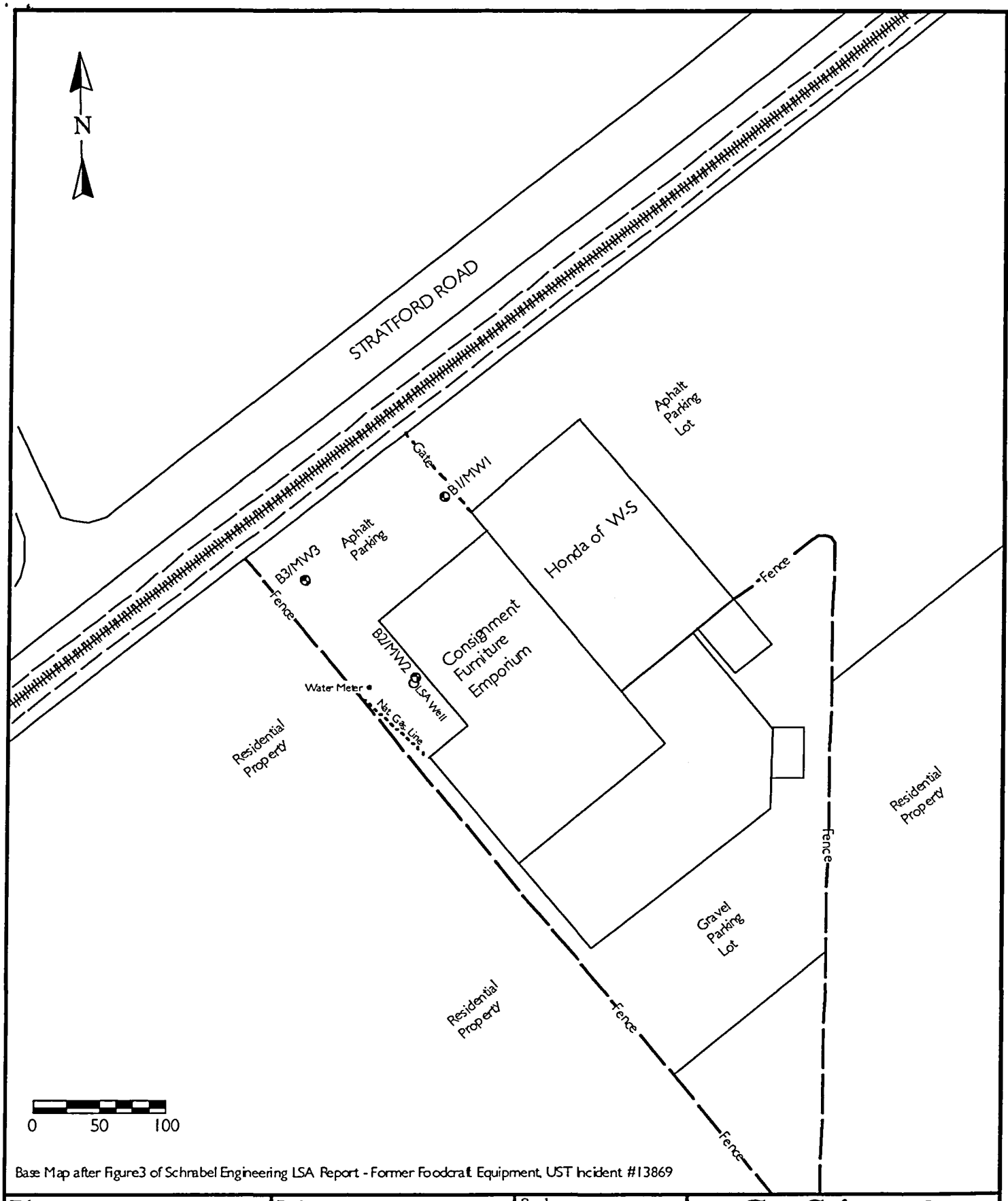
N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title:	Project:	Scale:	
Mon. Well MW3 599 S. Stratford Rd., Winston-Salem, NC	599 S. Stratford Rd.	NTS	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1



Base Map after Figure3 of Schnabel Engineering LSA Report - Former Foodcraft Equipment, UST Incident #13869

Title: General Site Map 599 S. Stratford Rd. Winston-Salem, NC	Project: 599 S. Stratford Road	Scale: 1 inch = 100 feet	GeoScience & Technology, P. A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Road Winston-Salem, NC	Figure No.: 2

GeoScience & Technology, P.A.
"Practical Engineering & Environmental Solutions"
2050 Northpoint Drive • Suite A • Winston-Salem, NC 27106
Phone: (336) 896-1300 • Fax: (336) 896-1020
e-mail: geosci@geotec.com

April 1, 2009

Mr. Collin Day
NC Department of Environment and Natural Resources
585 Waughtown Street
Winston-Salem, NC 27107-2241

Re: **Site Cleanup Questionnaire**
599 South Stratford Rd., Winston-Salem, Forsyth Co., NC

IHSB Inventory No. NONCD0002864

Dear Mr. Day:

In response to the Notice of Regulatory Requirements (NORR) issued by NCDENR on January 9, 2009, Geoscience and Technology, P.A. (GeoSci), on behalf of the property owner, has prepared the enclosed Site Cleanup Questionnarie for the above-referenced site.

The attached information summarizes the data collected from the site investigation and from the sampling of the three (3) groundwater monitoring wells installed on the property in February 2009. Based on these data, it appears that the groundwater contaminated with chlorinated hydrocarbons is migrating onto the property at 599 South Stratford Road from an off-site source.

Should you have questions regarding this project, please contact me.

Sincerely,
Geoscience and Technology, P.A.

M. Alex McGilvary, P.G.
Senior Geologist

NORTH CAROLINA LICENSED SEAL 1077 GEOLOGIST MARTIN A. McGILVARY

Encl/

cc: Mr. Alex Kroustalis, c/o Cup and Saucer Properties, 5369 Larch Court, W-S, NC 27104

Site Cleanup Questionnaire

Remediating parties interested in volunteering should prepare this form with the assistance of an environmental consultant. All cooperative parties are eligible for Branch-approved remedial actions. Answer all questions, based on current information, and provide writtendescriptions where needed.

NCDENR Site Name, City and County **599 S. Stratford Rd., Winston-Salem, NC - IHSB Inv. No. NONCD0002864**

1. Is the site located on or immediately adjacent to residential property, schools, day-care centers or other sensitive populations? ☒ Y ☐ N

   If yes, please explain on a separate page.

2. What is the distance (from site property line) to the nearest residence, school or day-care center? Please attach a map showing the site and nearest residence, school or daycare center. 30 ft.

3. Is the site completely surrounded by a locked fence? ☐ Y ☒ N
   If no, please explain security measures at the site on a separate page.

4. Are site surface soils known to be contaminated? ☐ Y ☒ N

   If yes, or unknown, describe briefly on a separate page.

5. Is site groundwater known to be contaminated? ☒ Y ☐ N

   If yes, or unknown, describe briefly on a separate page.

6. Is site sediment or surface water known to be contaminated? ☒ Y ☐ N

   If yes, or unknown, describe briefly on a separate page.

7. Has groundwater contamination affected any drinking water wells? ☐ Y ☒ N

   If yes, or unknown, please explain on a separate page.

8. What is the distance to the nearest downgradient drinking water well? > 1,500 feet

9. What is the distance to the nearest downstream surface water intake? > 1,500 feet

10. Are hazardous vapors, air emissions or contaminated dust migrating into occupied residential, commercial or industrial areas? ☐ Y ☒ N

    If yes, or unknown, please explain on a separate page.

11. Have hazardous substances known to have migrated off property at concentrations in excess of Branch unrestricted-use remediation goals? ☐ Y ☒ N

    If yes, or unknown, please explain on a separate page.

12. Has the local community expressed concerns about contamination at the site? ☐ Y ☒ N

    If yes, or unknown, please explain on a separate page.

13. Based on current information, are there any sensitive environments located on the property (sensitive environments are identified in the Remedial Investigation Work Plans section of the IHSB " Guidelines forAssessment and Cleanup "at www.wastenotnc.org/sfhome/stateleadguidance.pdf)? ☐ Y ☒ N

    If yes, or unknown, please explain on a separate page.

14. Based on current information, has contamination from the site migrated into any sensitive environments? ☐ Y ☒ N

If yes, or unknown, please explain on a separate page.

15. Do site contaminants include radioactive or mixed radioactive and chemical wastes? ☐ Y ☒ N

If yes, or unknown, please explain on a separate page.

Remediating Party Certification Statement

After first being duly sworn or affirmed, I, ALEX KROUSTALIS, hereby state that: I am over the age of eighteen, I am competent to make this certification based upon my own personal knowledge and belief, and, to the best of my knowledge and belief, after thorough investigation, the information contained herein is accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information.

(Signature of Remediating Party Representative) 4-1-09 (Date)

ALEX KROUSTALIS, OWNER REP.
(Printed Name and Title of Remediating Party Representative)

CUP & SAUCER PROPERTIES, LLC
(Printed Name of Company)

STATE OF North Carolina

COUNTY OF Forsyth

I, Judy C. James, a Notary Public of said County and State, do hereby certify that Alex Kroustalis personally appeared before me this day, produced proper identification in the form of personally known to me, was duly sworn and/or affirmed, and declared that he or she is the owner of the property referenced above or is a duly authorized agent of said owner and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is accurate and complete, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal the 1st day of April, 2009.

Judy C. James
Notary Public (signature)

JUDY C. JAMES
NOTARY PUBLIC
FORSYTH COUNTY, NC
(OFFICIAL SEAL)

My commission expires: 8-15-2009

Environmental Consultant Certification Statement

After first being duly sworn or affirmed, I, Martin A. McGilvary, hereby state that: I am over the age of eighteen, I am competent to make this certification based upon my own personal knowledge and belief, and, to the best of my knowledge and belief, after thorough investigation, the information contained herein is accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information.

Martin A. McGilvary
(Signature)

April 1, 2009
(Date)

MARTIN A. McGILVARY
(Printed Name)

Geoscience and Technology, P.A.
(Printed Name of Environmental Consultant)

STATE OF North Carolina

COUNTY OF Forsyth

I, Judy C. James, a Notary Public of said County and State, do hereby certify that Martin A. McGilvary personally appeared before me this day, produced proper identification in the form of NCDL 5018810 exp 11-12-09, was duly sworn and/or affirmed, and declared that he or she is an environmental consultant for the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is accurate and complete, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal the 1st day of April, 2009.

Judy C. James
Notary Public (signature)

JUDY C. JAMES
NOTARY PUBLIC
FORSYTH COUNTY, NC

(OFFICIAL SEAL)

My commission expires: 8-15-2009

Site Cleanup Questionnaire

NCDENR Site Name, City and County: 599 South Stratford Road,
Winston-Salem, NC
IHSB Inventory No. NONCD0002864

Additional site information for Site Cleanup Questionnaire.

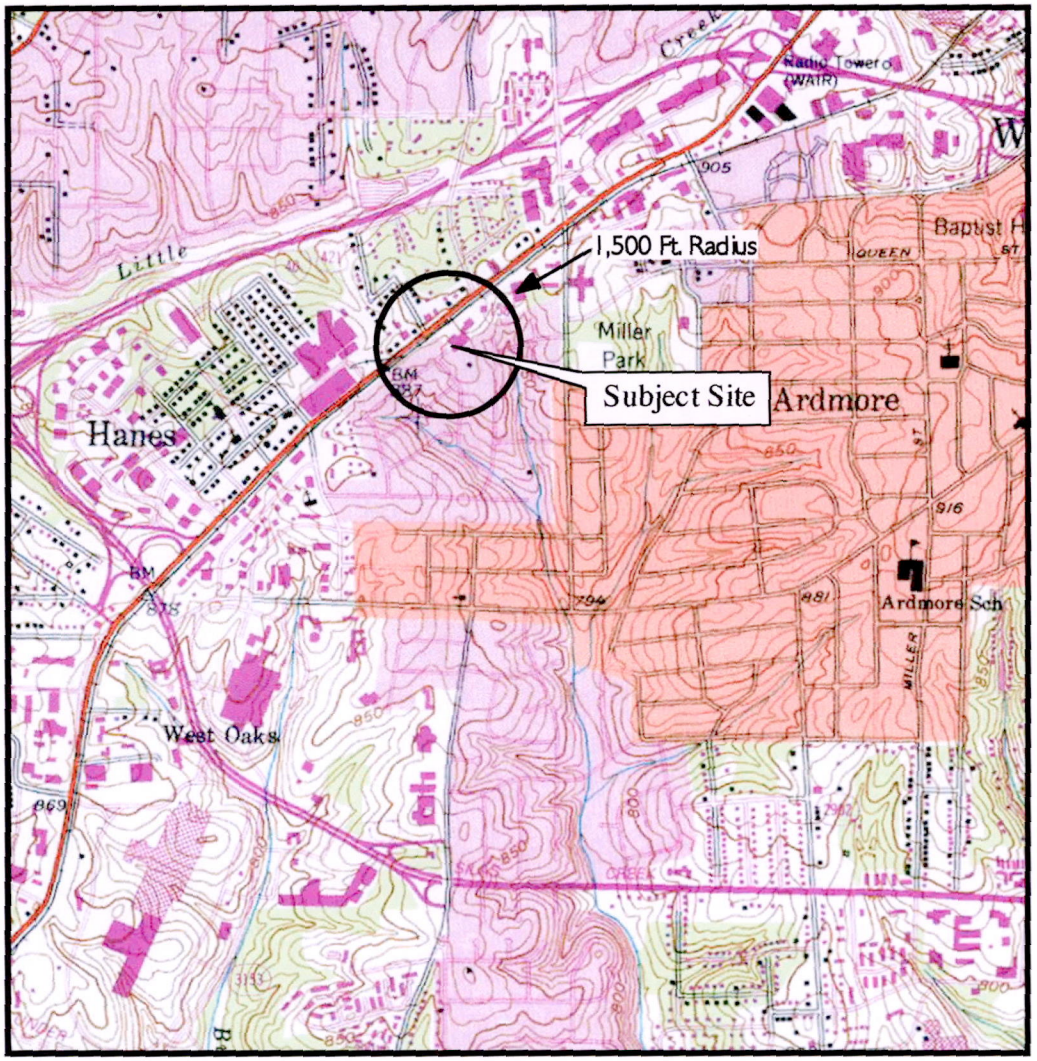
Question 1. – The subject site is located on commercial property adjacent to south Stratford Road in Winston-Salem. The subject property is zoned Limited Business-Special. The western boundary of the site abuts residential properties with single-family homes (See appended Figures). The nearest residential structure is approximately 30 feet southwest from the site property line. It is the residence located at 2801 Ashwood Drive, Winston-Salem, NC. No schools, day-care centers or other sensitive populations are known to be located nearby.

Question 3. – The site is completely surrounded by a fence. The current occupant of the site is a commercial retail business, Consignment Furniture Emporium. The business is open from 8am to 6 pm, Monday through Saturday. The front portion of the site is open to the general public during regular business hours. The rear portion of the site is only used by and accessible to the site occupants through a second locked gate.

Question 5. – Three (3) groundwater-monitoring wells are located on the site. These wells are "water-table wells" 40 feet in depth, with a 10 foot screened interval. The site groundwater is known to be affected by a gasoline UST release from both on-site and off-site sources. Low concentrations of Tetrachloroethene were present in the all three (3) of the wells during a February 2009 sampling event. The groundwater flow direction based on March 2009 data from the three wells is to the south. The highest concentration of Tetrachloroethene detected (3.2 ug/l) was present in the well nearest the northwestern property line, indicating that Tetrachlorethene contaminated water was flowing onto the site.

Question 6 – The soils located near the former gasoline UST area are known to be impacted by petroleum concentrations. The gasoline UST Release has been assigned Incident No. 13869. The NCDENR-UST Section had a Limited Site Assessment (LSA) performed on the site through the State Lead program in October 2007. The NCDENR-UST Section has assigned this UST Incident a "Low" Risk ranking based on the LSA findings. No on-site soil contamination or on-site source is known for the chlorinated hydrocarbons detected in the groundwater.

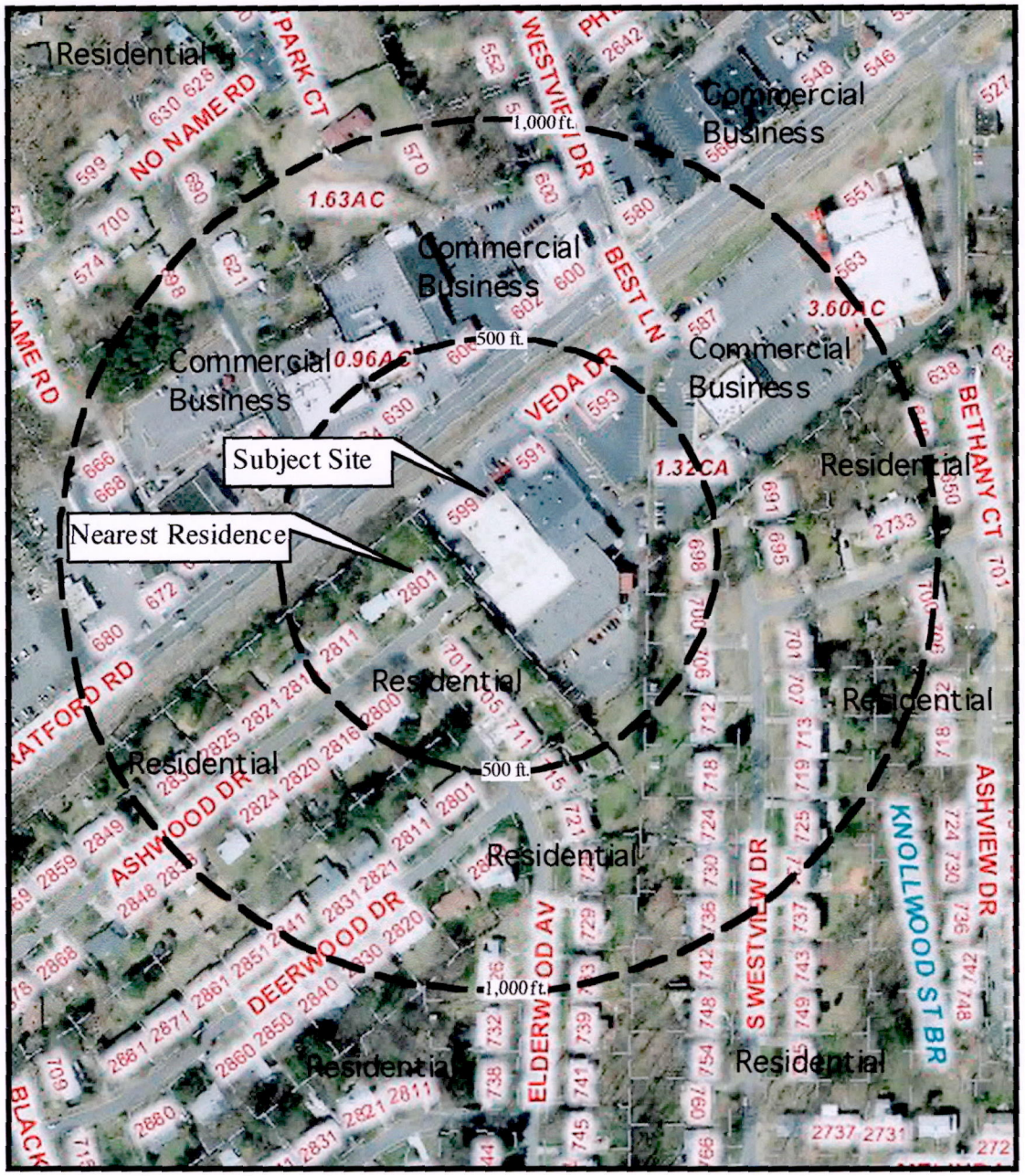
FIGURES



Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map
U.S.G.S. Ref. Code 36080-A3-TF-024

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Title: Site Location Map Winston-Salem West, NC USGS Quadrangle 1950/PR1994	Project: 599 S. Stratford Road	Scale: 1" = 2000'	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. Winston-Salem NC	Figure No.: 1

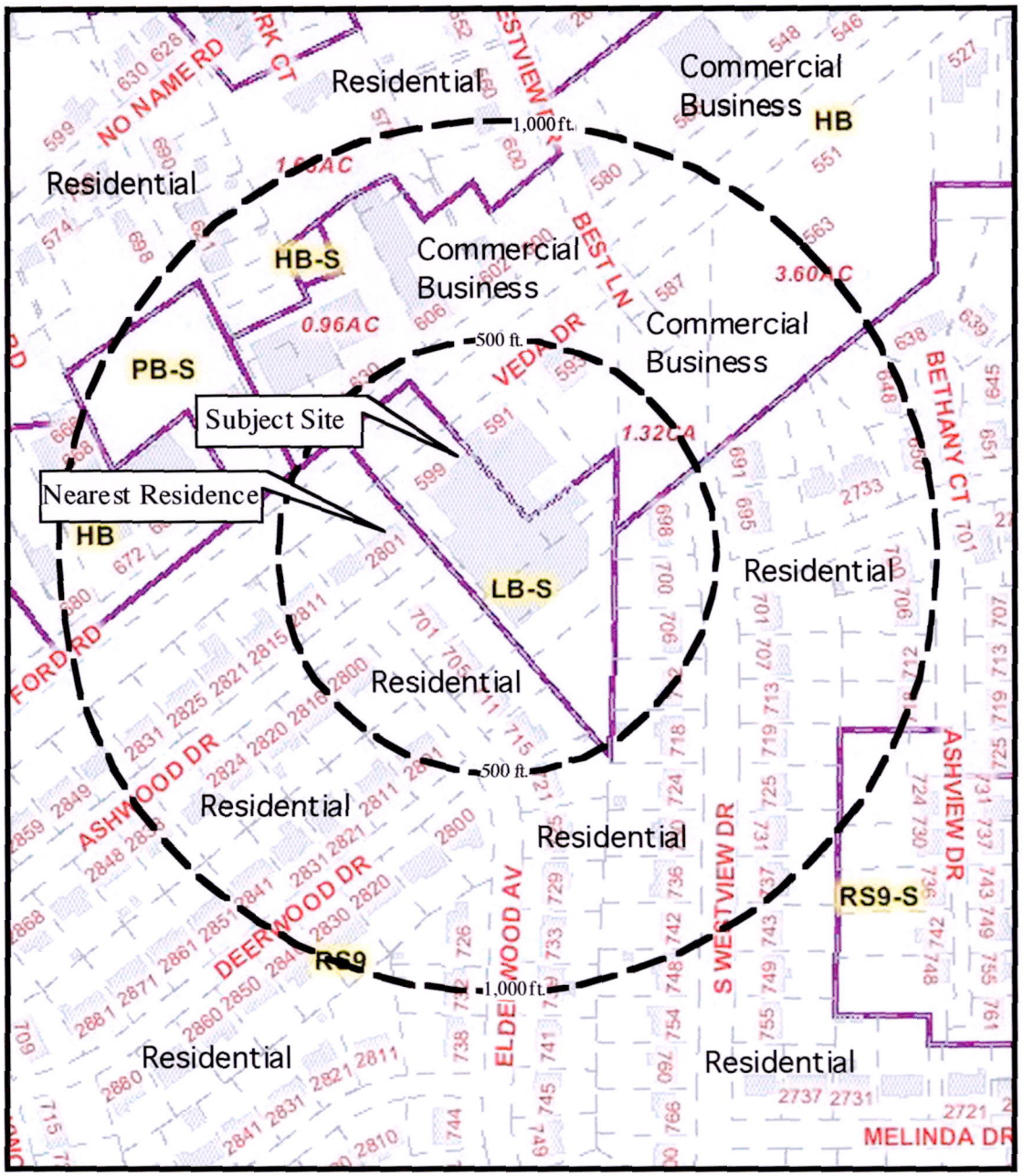


Scale

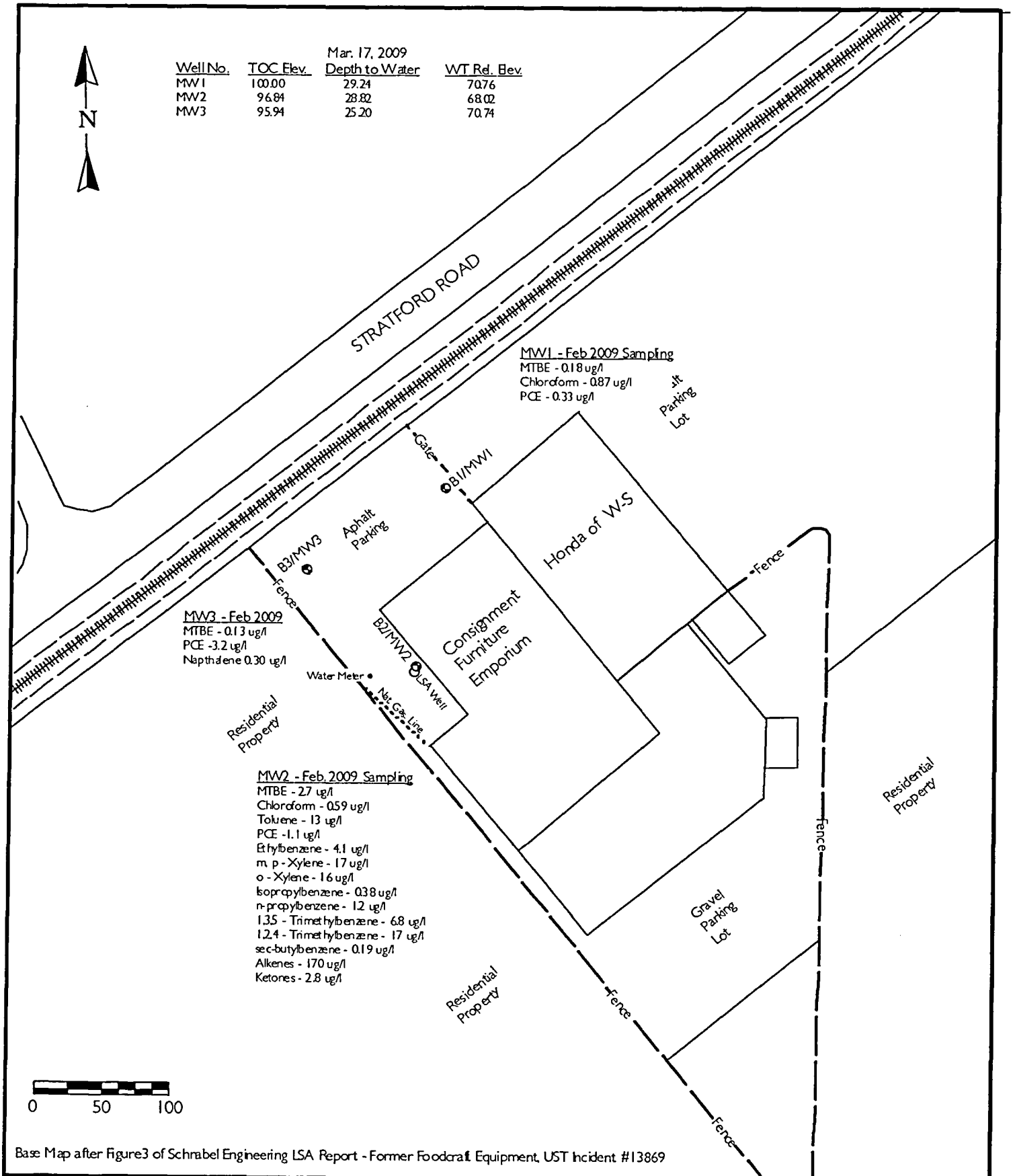
0 400 800

Title:	Project:	Scale:	
Site Location Map Receptor Survey Search Area Forsyth Co. 2005 Aerial Map	599 S. Stratford Rd.	1" = 400'	
	Job No.: 09.113	Location: Winston-Salem, NC	Figure No.: 2

GeoScience & Technology, P.A.
"Practical Engineering & Environmental Solutions"
Winston-Salem, NC (336) 896-1300

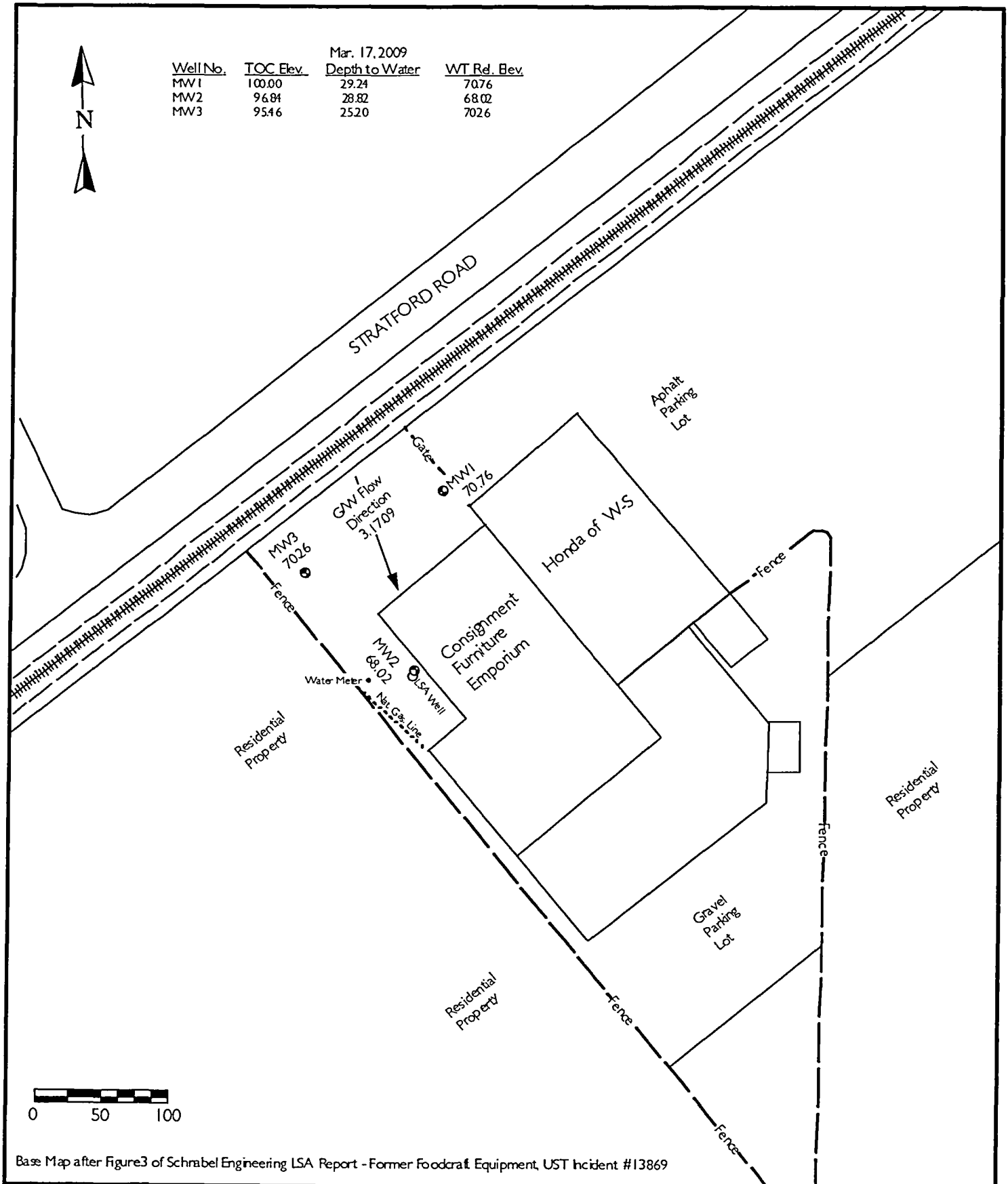


Title:	Project:	Scale:	
Site Location Map Receptor Survey Search Area Forsyth Co. Zoning Map	599 S. Stratford Rd.	1" = 400'	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: Winston-Salem, NC	Figure No.: 3



Base Map after Figure3 of Schnabel Engineering LSA Report - Former Foodcraft Equipment, UST Incident #13869

Title:	Project:	Scale:	
Site Map 599 S. Stratford Rd. Winston-Salem, NC	599 S. Stratford Road	1 inch = 100 feet	GeoScience & Technology, P. A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Road Winston-Salem, NC	Figure No.: 4



Base Map after Figure3 of Schnabel Engineering LSA Report - Former Foodcraft Equipment, UST Incident #13869

Title: Groundwater Flow Direction 599 S. Stratford Rd. Winston-Salem, NC	Project: 599 S. Stratford Road	Scale: 1 inch = 100 feet	GeoScience & Technology, P. A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Road Winston-Salem, NC	Figure No.: 5

GROUNDWATER
LABORATORY REPORT

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41233
PO Number # 9G0288
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/16/2009

Location ID:	NCD002864MW1	Collect Date:	02/20/2009	Collect Time::	10:45	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

Location ID: NCD002864MW1
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41233
Collect Date: 02/20/2009
Collect Time:: 10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	0.18	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	0.87		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

Location ID: NCD002864MW1
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41233
Collect Date: 02/20/2009
Collect Time:: 10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
127-18-4	Tetrachloroethene	0.25	0.33		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

Location ID: NCD002864MW1
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41233
Collect Date: 02/20/2009
Collect Time:: 10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

[redacted]

NC DWQ Laboratory Section Results

Location ID: NCD002864MW1
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41233
Collect Date: 02/20/2009
Collect Time:: 10:45

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41230
PO Number # 9G0285
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/16/2009

Location ID:	Collect Date:	Collect Time::	Sample Depth
NCD002864MW2	02/20/2009	12:00	

Sample Qualifiers and Comments

VOL: P1 - (3/3/09) Dil x 2

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

[redacted]

NC DWQ Laboratory Section Results

Location ID: NCD002864MW2
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41230
Collect Date: 02/20/2009
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	2.7		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	0.59		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW2
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41230
Collect Date: 02/20/2009
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-88-3	Toluene	0.25	13		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
127-18-4	Tetrachloroethene	0.25	1.1		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
100-41-4	Ethylbenzene	0.25	4.1		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

Location ID: NCD002864MW2
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41230
Collect Date: 02/20/2009
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-38-3	m,p-Xylene	0.50	17		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-47-6	o-Xylene	0.50	16	P1	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
98-82-8	Isopropylbenzene	0.25	0.38		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
103-65-1	n-Propylbenzene	0.25	1.2		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
108-67-8	1,3,5-Trimethylbenzene	0.25	6.8		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
95-63-6	1,2,4-Trimethylbenzene	0.50	17	P1	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
135-98-8	sec-Butylbenzene	0.25	0.19	N3	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

[redacted]

NC DWQ Laboratory Section Results

Location ID: NCD002864MW2
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41230
Collect Date: 02/20/2009
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
	ALKENES		170	N1	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
	KETONES		2.8	N1	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

DIVISION OF WATER QUALITY DWQ

Sample ID: AB41232
PO Number # 9G0287
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09
Report Generated: 03/16/2009

VisitID

Loc. Descr.: ALEX KROUSTALIS

Location ID: NCD002864MW3T	Collect Date: 02/19/2009	Collect Time:: 14:19	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

Location ID: NCD002864MW3T
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41232
Collect Date: 02/19/2009
Collect Time:: 14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

Location ID: NCD002864MW3T
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41232
Collect Date: 02/19/2009
Collect Time:: 14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

Location ID: NCD002864MW3T
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41232
Collect Date: 02/19/2009
Collect Time:: 14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.25	0.15	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.25	0.20	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

Location ID: NCD002864MW3T
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41232
Collect Date: 02/19/2009
Collect Time:: 14:19

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
91-20-3	Naphthalene	0.50	0.40	N3	ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/10/09
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP

Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41231
PO Number # 9G0286
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/10/09

Report Generated: 03/16/2009

Location ID:	NCD002864MW3	Collect Date:	02/20/2009	Collect Time::	11:25	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

CAS #	Analyte Name		PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab			1.1		°C	HPARKER	SMATHIS
	Method Reference						3/3/09	3/3/09
VOL								
	Volatile Organics in liquid			_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-71-8	Dichlorodifluoromethane		1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-87-3	Chloromethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-01-4	Vinyl Chloride		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-83-9	Bromomethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-00-3	Chloroethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-69-4	Trichlorofluoromethane		0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-35-4	1,1-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-09-2	Methylene Chloride		10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
156-60-5	trans-1,2-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
1634-04-4	Methyl Tert-Butyl Ether		0.25	0.13	N3	ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
75-34-3	1,1-Dichloroethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
156-59-2	cis-1,2-Dichloroethene		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
74-97-5	Bromochloromethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
67-66-3	Chloroform		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
594-20-7	2,2-Dichloropropane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09
107-06-2	1,2-Dichloroethane		0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference	EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
127-18-4	Tetrachloroethene	0.25	3.2		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

Location ID: NCD002864MW3
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41231
Collect Date: 02/20/2009
Collect Time:: 11:25

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
91-20-3	Naphthalene	0.50	0.30	N3	ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/10/09

NC DWQ Laboratory Section Results

County: FORSYTH
River Basin
Report To WSROAP
Collector: C DAY
Region: WSRO
Sample Matrix: GROUNDWATER
Loc. Type: MONITORING WELL
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: ALEX KROUSTALIS

Sample ID: AB41234
PO Number # 9G0289
Date Received: 03/03/2009
Time Received: 08:00
Labworks LoginID SMATHIS
Date Reported: 3/6/09
Report Generated: 03/16/2009

Location ID: NCD002864TB01	Collect Date: 02/19/2009	Collect Time:: 08:00	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		1.1		°C	HPARKER	SMATHIS
	Method Reference					3/3/09	3/3/09
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-71-8	Dichlorodifluoromethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-87-3	Chloromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-83-9	Bromomethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-00-3	Chloroethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-09-2	Methylene Chloride	10	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
67-66-3	Chloroform	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
594-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
71-43-2	Benzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
74-95-3	Dibromomethane	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-01-6	Trichloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-88-3	Toluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
100-42-5	Styrene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-47-6	o-Xylene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-86-1	Bromobenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	ATERRY	RKELLING
	Method Reference EPA5030/624/8260					3/4/09	3/6/09

Location ID: NCD002864TB01
Loc. Descr.: ALEX KROUSTALIS
Visit ID

Sample ID: AB41234
Collect Date: 02/19/2009
Collect Time:: 08:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
91-20-3	Naphthalene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						
	VOC'S BY GC/MS		Not detected		ug/L	ATERRY 3/4/09	RKELLING 3/6/09
	Method Reference EPA5030/624/8260						

GROUNDWATER SAMPLE
CHAIN OF CUSTODY RECORD

Report to: WSRO-Superfund Section DWM-SUPERFUND SECTION-INACTIVE HAZARDOUS SITES BRANCH Page 1 of 1
Att: Collin Day

CHAIN OF CUSTODY (COC) RECORD

NC DENR/DWQ LABORATORY (check one): [X] CENTRAL [ ] ARO [ ] WaRO

For Investigation of: Consignment Furniture Incident No. NONCD0002864

Sample collector (print name) and GW-54 forms completed by: Collin Day Sample collector's signature: Collin Day

Field storage conditions and location (when applicable): Ice at 4°C

Lab Use Only LAB NO.	SAMPLE ID	QUAD. NO.	LOCATION	DATE SAMPLED	TIME SAMPLED	NUMBER OF CONTAINERS
	MW-2		599 S. Stratford Road Winston-Salem, NC 27104	2/20/09	1200	4
	MW-3		599 S. Stratford Road Winston-Salem, NC 27104	2/20/09	1125	4
	MW-3-WT		599 S. Stratford Road Winston-Salem, NC 27104	2/19/09	2:19	4
	MW-1		599 S. Stratford Road Winston-Salem, NC 27104	2/20/09	1045	4
	Trip Blank		599 S. Stratford Road Winston-Salem, NC 27104	2/19/09	0800	4

Relinquished by (signature): Collin Day	Date 3/2/09	Time 1730	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time

Method of Shipment (circle one): (State Courier) Hand-delivered Federal Express UPS Other: _____

Security Type and Conditions:	Sealed by: Collin Day 1730 hrs to Box	Broken by:

INTRALABORATORY CHAIN OF CUSTODY - Lab Use Only

LAB NUMBERS FROM	LAB NUMBERS THROUGH	NUMBER BOTTLES	ANALYSES REQUESTED	RELINQUISHED BY:	RECEIVED BY:	DATE	TIME

MONITORING WELL CONSTRUCTION RECORDS

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW1
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other ☐ (list use)
DATE DRILLED 2/17/09
TIME COMPLETED AM ☐ PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☒ Slope ☐ Valley Flat Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY - is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 29.32 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness/ Weight	Material
From 0.0	To 30	Ft.		2 inch.	Sch. 40	PVC
From	To	Ft.				
From	To	Ft.				

7. GROUT:

	Depth			Material	Method
From 0.0	To 23	Ft.		N. Cement	Slurry
From	To	Ft.			
From	To	Ft.			

8. SCREEN:

	Depth			Diameter		Slot Size		Material
From 30	To 40	Ft.	2	in.	0.10	in.	PVC
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

Depth			Size	Material
From 26	To 40	Ft.	No. 2	Filter Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	1.0 ft.	Asphalt and aggregate
1.0	6.0 ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20 ft.	Clayey silt, v. wea. mica gneiss
20	40 ft.	Saprolite, mica gneiss
	40 ft.	Bottom of boring.

11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW1

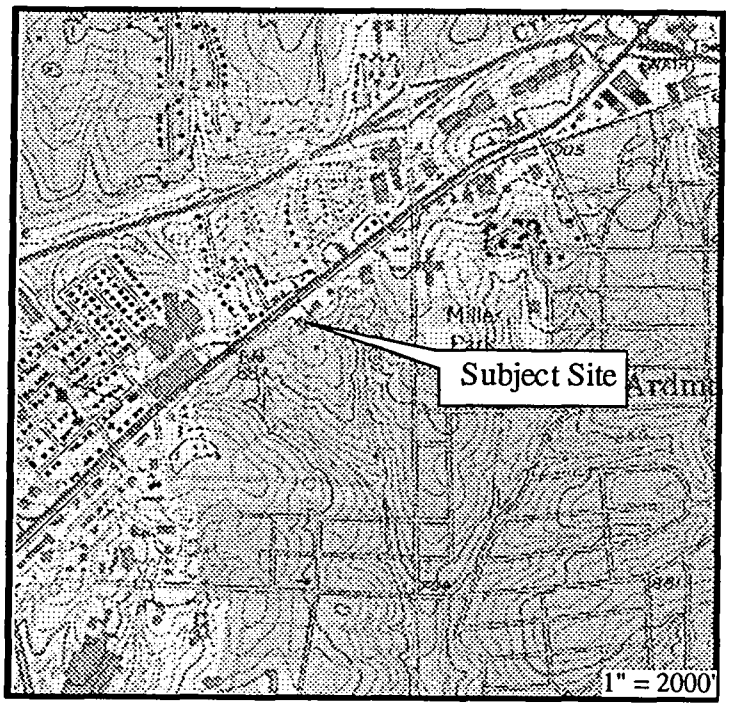
I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R. J. Wyatt — 3-4-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

R. J. Wyatt and M. Alex McGilvary
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

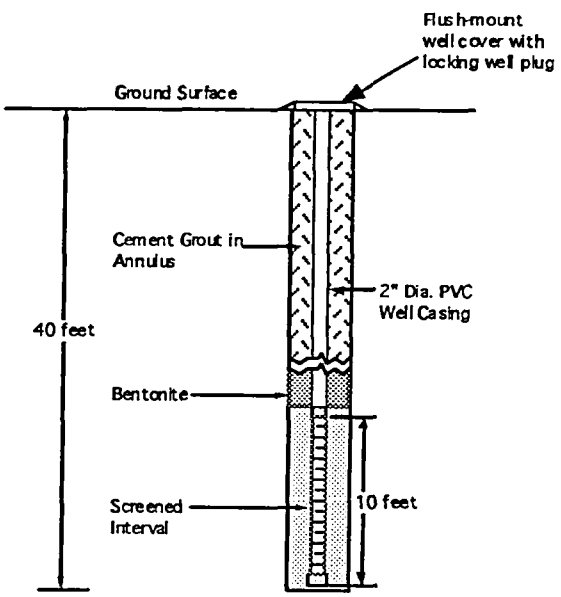
Form GW-1b



N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title:	Project:	Scale:	
Mon. Well MW1 599 S. Stratford Rd., Winston-Salem, NC	599 S. Stratford Rd.	NTS	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code - Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW2
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other ☐ (list use)
DATE DRILLED 2/19/09
TIME COMPLETED AM ☐ PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley X Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY - Is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 28.98 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness/ Weight	Material
From	0.0	To 30	Ft.	2 inch.	Sch. 40	PVC
From		To	Ft.			
From		To	Ft.			

7. GROUT:

	Depth			Material	Method
From	0.0	To 23	Ft.	N. Cement	Slurry
From		To	Ft.		
From		To	Ft.		

8. SCREEN:

	Depth			Diameter		Slot Size		Material
From	30	To 40	Ft.	2	in.	0.10	in.	PVC
From		To	Ft.		in.		in.	
From		To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

	Depth			Size	Material
From	26	To 40	Ft.	No. 2	Filter Sand
From		To	Ft.		
From		To	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	1.0 ft.	Asphalt and aggregate
1.0	6.0 ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20 ft.	Clayey silt, v. wea. mica gneiss
20	40 ft.	Saprolite, mica gneiss
	40 ft.	Bottom of boring.

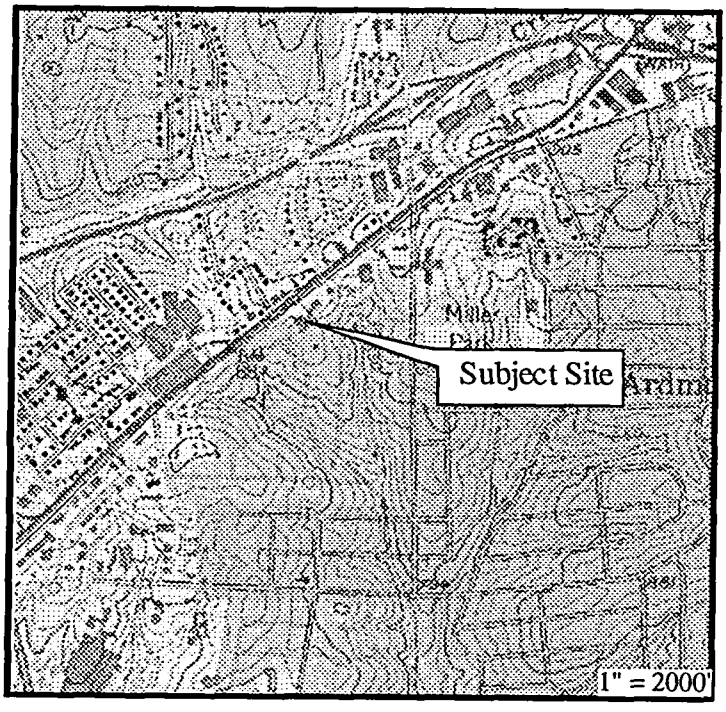
11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW2. Well MW2 located near previous LSA well in former UST area.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R J W Wyatt — 3-9-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
R. J. Wyatt and Steve E. Mason
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

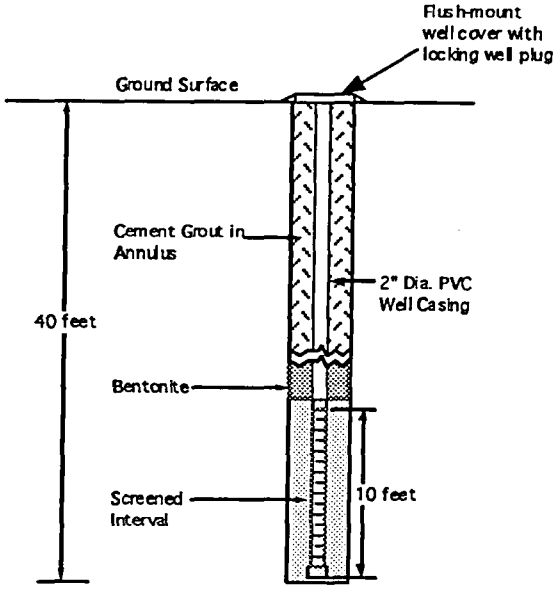
Form GW-1b



N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title: Mon. Well MW2 599 S. Stratford Rd., Winston-Salem, NC	Project: 599 S. Stratford Rd.	Scale: NTS	GeoScience & Technology, P.A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3022

1. WELL CONTRACTOR:
R. J. Wyatt
Well Contractor (Individual) Name
Geoscience and Technology, P.A.
Well Contractor Company Name
STREET ADDRESS 2050 Northpoint Drive
Winston-Salem, NC 27106
City or Town State Zip Code
(336) 896 -1300
Area code - Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW3
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring X Municipal/Public
Industrial/Commercial Agricultural Recovery Injection
Irrigation Other (list use)
DATE DRILLED 2/19/09
TIME COMPLETED AM PM

3. WELL LOCATION:
CITY: W-S, NC 27103 COUNTY Forsyth
599 S. Stratford Rd. (For. Co. PIN 6815-82-9319.00)
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☒ Slope ☐ Valley Flat Ridge ☐ Other
(check appropriate box)
LATITUDE 36.0853933 ° N
LONGITUDE 80.2905271 ° W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: GPS Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS) See back of form

4. FACILITY - Is the name of the business where the well is located.
FACILITY ID #(if applicable) N/A
NAME OF FACILITY Former Foodcraft Equipment
STREET ADDRESS 599 S. Stratford Rd.
Winston-Salem NC 27103
City or Town State Zip Code
CONTACT PERSON Mr. Alex Kroustalis
MAILING ADDRESS 5369 Larch Court
Winston-Salem, NC 27104
City or Town State Zip Code
(336) 408-3555
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 40 feet
b. DOES WELL REPLACE EXISTING WELL? YES (NO)
c. WATER LEVEL Below Top of Casing: 25.45 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): N/A METHOD OF TEST N/A
f. DISINFECTION: Type Amount N/A
g. WATER ZONES (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth			Diameter	Thickness/ Weight	Material
From	0.0	To 30	Ft.	2 inch.	Sch. 40	PVC
From		To	Ft.			
From		To	Ft.			

7. GROUT:

	Depth			Material	Method
From	0.0	To 23	Ft.	N. Cement	Slurry
From		To	Ft.		
From		To	Ft.		

8. SCREEN:

	Depth			Diameter		Slot Size		Material
From	30	To 40	Ft.	2	in.	0.10	in.	PVC
From		To	Ft.		in.		in.	
From		To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

	Depth			Size	Material
From	26	To 40	Ft.	No. 2	Filter Sand
From		To	Ft.		
From		To	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	1.0 ft.	Asphalt and aggregate
1.0	6.0 ft.	Clayey silt, red (Munsell 2.5 YR 5/8)
6.0	20 ft.	Clayey silt, v. wea. mica gneiss
20	40 ft.	Saprolite, mica gneiss
	40 ft.	Bottom of boring.

11. REMARKS:
Bentonite 26 to 23 feet. Monitoring well MW3

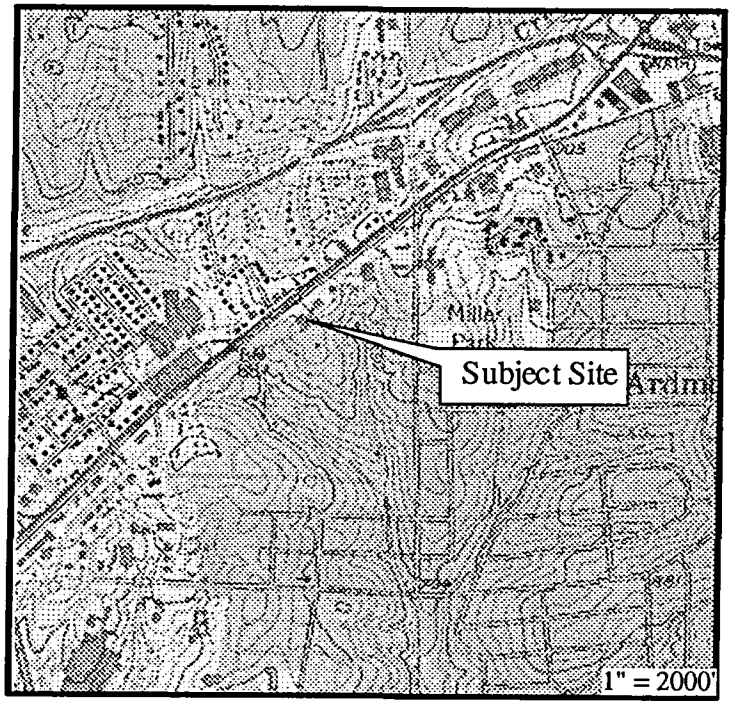
I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

R. J. Wyatt — 3-9-09
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

R. J. Wyatt and Steve E. Mason
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,

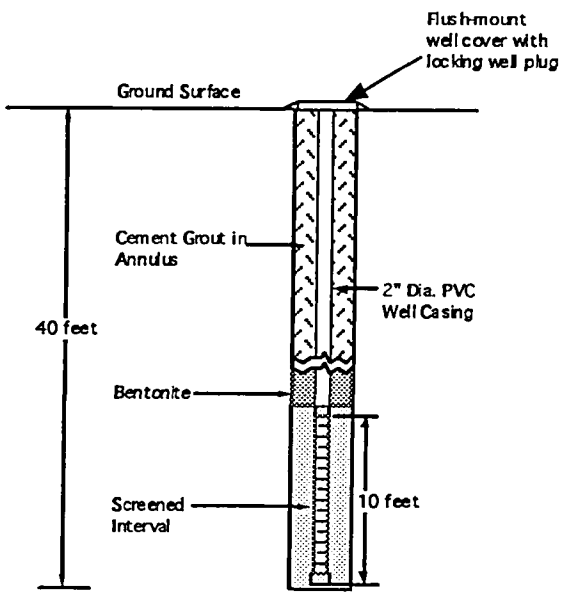
Form GW-1b



N

Subject Site:
Latitude: 36.0853933° N
Longitude: 80.2905271° W

Map Source: Winston-Salem, West, NC U.S.G.S. 7.5' topographic quadrangle map, U.S.G.S. Ref. Code 36080-A3-TF-024



Title:	Project:	Scale:	
Mon. Well MW3 599 S. Stratford Rd., Winston-Salem, NC	599 S. Stratford Rd.	NTS	GeoScience & Technology, P. A. "Practical Engineering & Environmental Solutions" Winston-Salem, NC (336) 896-1300
	Job No.: 09.113	Location: 599 S. Stratford Rd. WInston-Salem, NC	Figure No.: 1

CC
CCW

State of North Carolina
Department of Justice
P. O. BOX 629
RALEIGH
27602-0629

MICHAEL F. EASLEY
ATTORNEY GENERAL

DATE: 9.17.98

FACSIMILE TRANSMITTAL SHEET

TO: Sherri Knight FAX NO: B

FROM:

___	Judith Robb Bullock, Special Deputy Attorney General
___	Lauren Murphy Clemmons, Assistant Attorney General
___	W. Wallace Finlator, Jr., Assistant Attorney General
___	Robert R. Gelblum, Assistant Attorney General
___	James (Ryke) P. Longest, Jr., Assistant Attorney General
___	William R. Miller, Assistant Attorney General
✓	Jay L. Osborne, Assistant Attorney General
___	Nancy E. Scott, Assistant Attorney General
___	Kathleen M. Waylett, Assistant Attorney General

PHONE NO: (919) 716-6600
FAX NO: (919) 716-6939

P.O. Box 629
Raleigh, NC 27602-0629
114 West Edenton Street

SUBJECT: Gardner - Asphalt

NO. OF PAGES INCLUDING TRANSMITTAL SHEET: 2

COMMENTS: Fax Copy of request sample results

Attorneys at Law
1001 West Fourth Street
Winston-Salem, North Carolina 27101-2400
Telephone: 336.607.7300
Facsimile: 336.607.7500

KILPATRICK STOCKTON LLP

STEPHEN R. BERLIN
E-mail: sberlin@kilstock.com
Direct Dial: 336.607.7384

September 17, 1998

VIA FACSIMILE [AND FIRST CLASS MAIL]

Mr. Jay L. Osborne
Assistant Attorney General
N.C. Department of Justice
Post Office Box 629
Raleigh, NC 27602-0629

RE: GARDNER ASPHALT PLANT, 1664 MARTIN LUTHER KING, JR. DRIVE WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA 97 EHR 1084 and 98 EHR 0085

Dear Jay:

Please find enclosed a report regarding the sampling that was done at the Gardner Asphalt plant. I will also deliver a copy of this to Sherri Knight for her review. Please call me when you have a response to the material which I sent you on September 1 and in this letter.

Thank you for your attention to this matter.

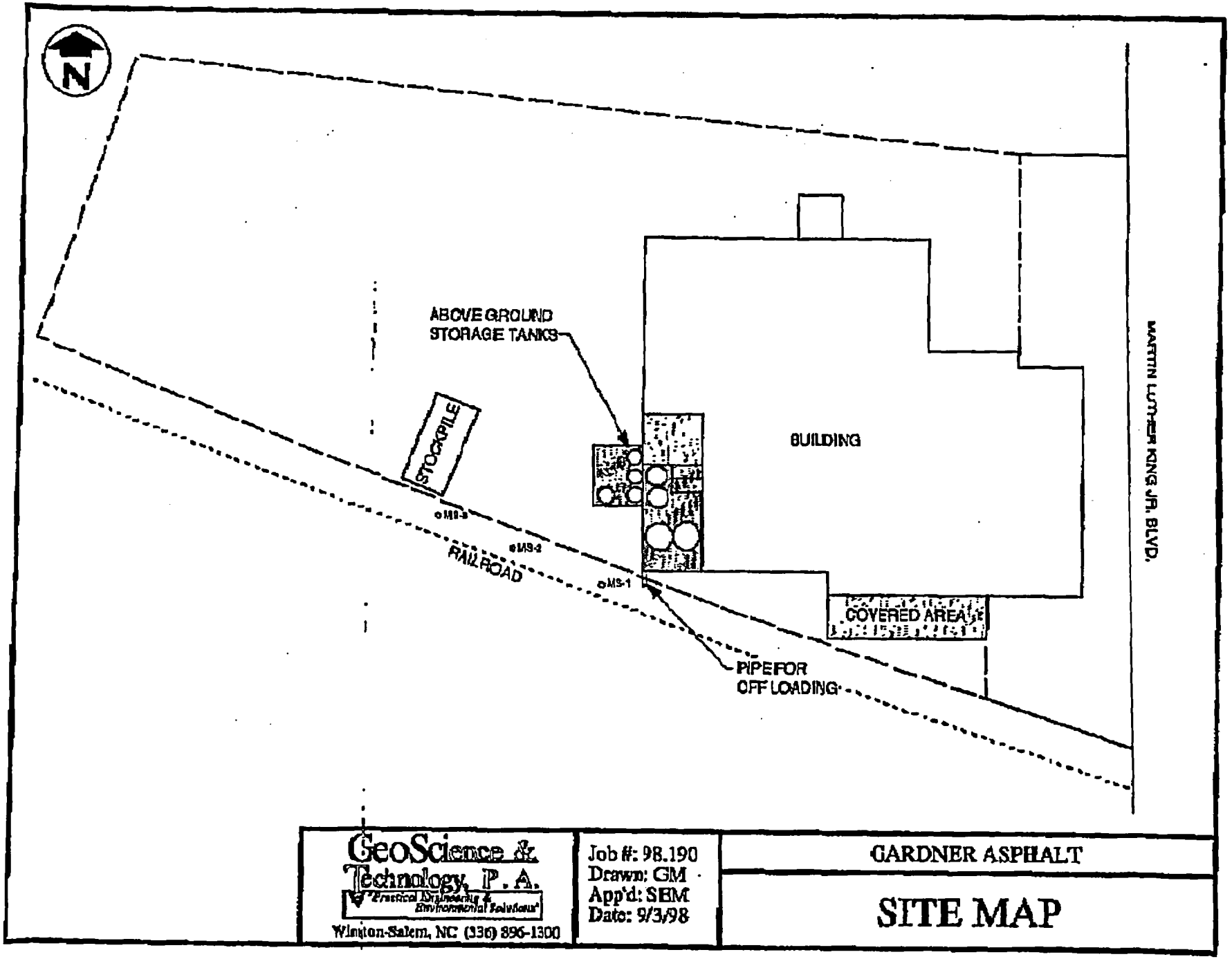
Sincerely,

Stephen R. Berlin

SRB/psm
Enclosure

12683-142741
WINLIB01:697082.01

Title:	Project:	Scale:	
Site Location Map Winston-Salem East Quadrangle	Gardner Ashphalt	1" = 2000'	GeoScience & Technology, P.A. Practical Engineering & Environmental Solutions Winston-Salem, NC (336) 896-1300
	Job No: 98.190	Location: Winston-Salem, NC	Figure:



GeoScience & Technology, P.A.
"Practical Engineering & Environmental Solutions"
Winston-Salem, NC (336) 896-1300

Job #: 98.190
Drawn: GM
App'd: SEM
Date: 9/3/98

GARDNER ASPHALT

SITE MAP

CR
CCW

State of North Carolina
Department of Justice
P. O. BOX 629
RALEIGH
27602-0629

MICHAEL F. EASLEY
ATTORNEY GENERAL

DATE: 9.17.98

FACSIMILE TRANSMITTAL SHEET

TO: Sherri Knight FAX NO: B

FROM:

___	Judith Robb Bullock, Special Deputy Attorney General
___	Lauren Murphy Clemmons, Assistant Attorney General
___	W. Wallace Finlator, Jr., Assistant Attorney General
___	Robert R. Gelblum, Assistant Attorney General
___	James (Ryke) P. Longest, Jr., Assistant Attorney General
___	William R. Miller, Assistant Attorney General
✓	Jay L. Osborne, Assistant Attorney General
___	Nancy E. Scott, Assistant Attorney General
___	Kathleen M. Waylett, Assistant Attorney General

PHONE NO: (919) 716-6600
FAX NO: (919) 716-6939

P.O. Box 629
Raleigh, NC 27602-0629
114 West Edenton Street

SUBJECT: Gardner-Asphalt

NO. OF PAGES INCLUDING TRANSMITTAL SHEET: 2

COMMENTS: Fax Copy of request sample results

CONFIDENTIALITY NOTE: The information contained in this facsimile is legally privileged and confidential and is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copy of this information is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original message to us at the address above by U.S. postal service. Thank you.

KILPATRICK STOCKTON LLP

Attorneys at Law
1001 West Fourth Street
Winston-Salem, North Carolina 27101-2400
Telephone: 336.607.7300
Facsimile: 336.607.7500

STEPHEN R. BERLIN
E-mail: sberlin@kilstock.com
Direct Dial: 336.607.7304

September 17, 1998

VIA FACSIMILE [AND FIRST CLASS MAIL]

Mr. Jay L. Osborne
Assistant Attorney General
N.C. Department of Justice
Post Office Box 629
Raleigh, NC 27602-0629

RE: GARDNER ASPHALT PLANT, 1664 MARTIN LUTHER KING, JR. DRIVE WINSTON-SALEM, FORSYTH COUNTY, NORTH CAROLINA 97 EHR 1084 and 98 EHR 0085

Dear Jay:

Please find enclosed a report regarding the sampling that was done at the Gardner Asphalt plant. I will also deliver a copy of this to Sherri Knight for her review. Please call me when you have a response to the material which I sent you on September 1 and in this letter.

Thank you for your attention to this matter.

Sincerely,

Stephen R. Berlin

SRB/psm
Enclosure

12683-142741
GTNL1B01:697082.01

GeoScience & Technology, P.A.
"Practical Engineering & Environmental Solutions"
2050 Northpoint Drive • Suite A • Winston-Salem, NC 27106
Phone: (336) 896-1300 • Fax: (336) 896-1020
e-mail: geosci@geotec.com

September 14, 1998

Mr. Steve Berlin
Kilpatrick Stockton LLP
1001 W. Fourth Street
Winston-Salem, NC 27101

Re: Soil Sampling
Gardner Asphalt

Dear Mr. Berlin:

At your request, in response to the April 1998 letter to Gardner Asphalt from Ms. Sherri Knight of the Winston-Salem Regional Office of the NC Department of Environment and Natural Resources (DENR), Geoscience and Technology, P.A. has sampled a soil stockpile and areas along the railroad track resulting from an old release of mineral spirits. This sampling was performed on August 14, 1998.

The soil stockpile is situated on asphalt behind the plant. There were initially several stockpiles which were consolidated into one large stockpile, measuring approximately 75 feet long by 35 feet wide by 10 feet high. Estimating the quantity of soil according to the DENR guidelines yields about 540 yd^3. Two composite samples were made from 8 borings spaced fairly evenly across the stockpile. Borings were made at varying elevations on the stockpile, extending from the surface to a maximum depth of 4 feet. The soils were mixed immediately and placed in 250 ml. jars, stored in ice and a chain of custody form initiated. There were no apparent odors or staining of soils noted in the field. OVA reading were taken of each primary sample and all readings were less than 10 ppm.

Three hand anger borings were performed along the railroad track, in the area of the original surface spill, as shown on Figure 2. Depths of the borings ranged from 3 to 5 feet, the depth of highest impact from the previous investigations. No odors or stained soils were encountered and all OVA readings were less than 10 ppm. Soils were placed in 250 ml. jars and stored on ice for transport to the analytical laboratory.

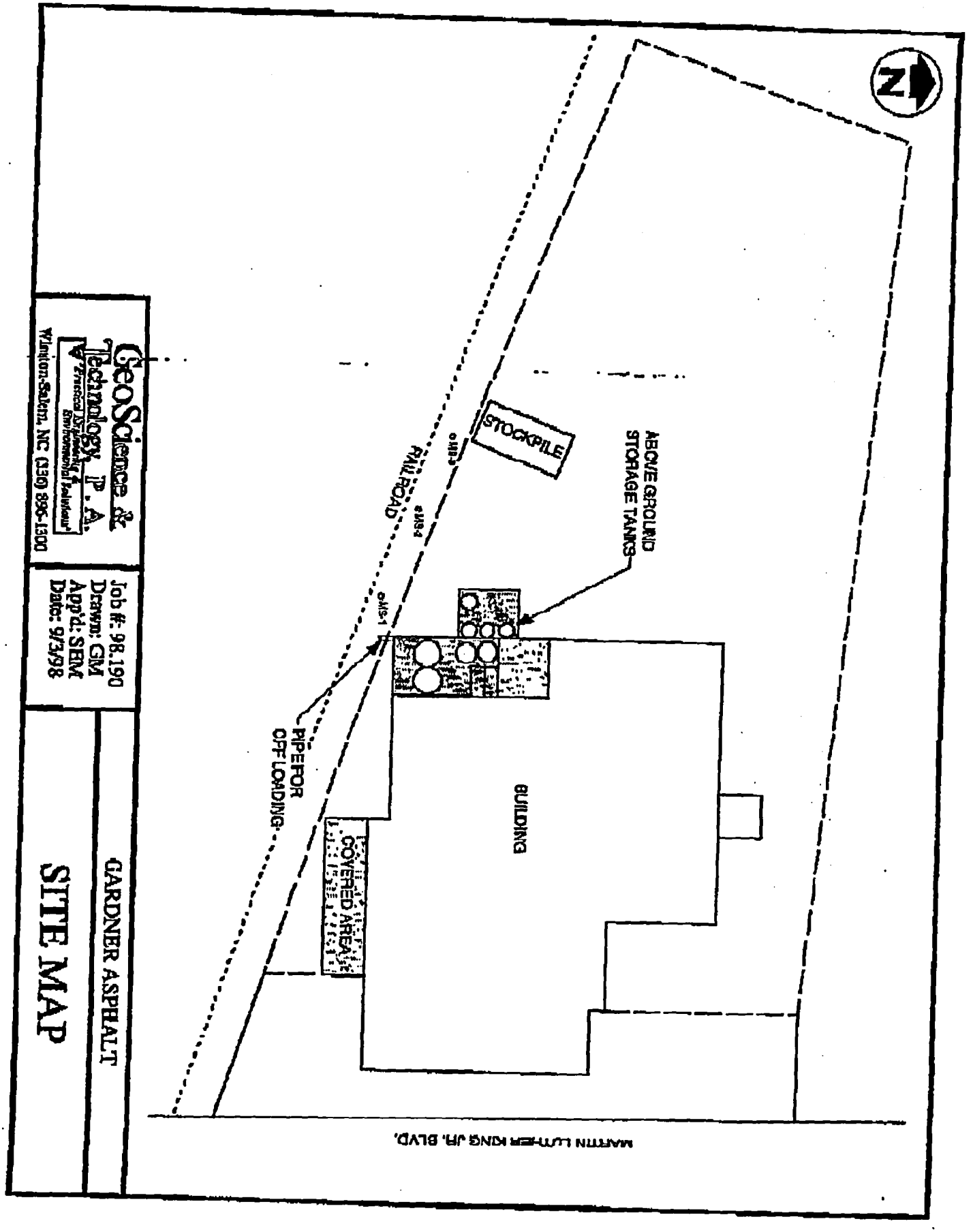
Samples were analyzed at R&A Laboratories, Inc. in Kernersville, NC. Analyses were performed by EPA method 5030 and 3550 extractions and EPA 8015 GC analyses. Results were calculated by using a mineral spirits standard. All results were less than 10 ppm total petroleum hydrocarbons (TPH) as mineral spirits.

With best regards,
Geoscience and Technology, P.A.

Steve E. Mason, P.G.
Principal Hydrogeologist

NORTH CAROLINA LICENSED SEAL 658 GEOLOGIST STEVE E. MASON

Title:	Project:	Scale:	
Site Location Map Winston-Salem East Quadrangle	Gardner Ashphalt	1" = 2000'	GeoScience & Technology, P.A. Practical Engineering & Environmental Solutions Winston-Salem, NC (336) 896-1300
	Job No: 98.100	Location: Winston-Salem, NC	Figure:


N
STOCKPILE
ABOVE GROUND STORAGE TANKS
RAILROAD
MW-4
MW-1
PIPE FOR OFF LOADING
BUILDING
COVERED AREA
MARTIN LUTHER KING JR. BLVD.
GeoScience & Technology, P.A.
Wilmington, NC (336) 896-1300
Job #: 98.190
Drawn: GM
App'd: SBM
Date: 9/3/98
GARDNER ASPHALT
SITE MAP

RESEARCH & ANALYTICAL LABORATORIES, INC.
Analytical/Process Consultations

COPY

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

27 August 1998

Geoscience & Technology
2050 Northpoint Drive
Winston-Salem, NC 27105

Attention: Steve Mason

Project Number: 98.190
Project Name: Gardner Asphalt

Sample Identification	Date Taken	Time (hrs)	RAL Sample#	EPA Method 5030 (ppm)	EPA Method 3550 (ppm)
SP-1	08/14/98	1330	338608	<10	<20
SP-2	08/14/98	1400	338609	<10	<20
MS-1	08/14/98	1430	338610	<10	<20
MS-2	08/14/98	1440	338611	<10	<20
MS-3	08/14/98	1450	338612	<10	<20

EPA Method	5030	= Total Petroleum Hydrocarbons as Mineral Spirits
EPA Method	3550	= Total Petroleum Hydrocarbons as Mineral Spirits
	ppm	= Parts Per Million
	<	= Less Than or Below Detection Limits (BDL)
	N/A	= Not Available

[illegible]

P.O. Box 473 • 108 Short Street • Kernersville, North Carolina 27284 • 336-996-2841 • Fax 336-996-0326

RESEARCH & ANALYTICAL LABORATORIES, INC.
Analytical/Process Consultations
Phone (910) 996-2841

CHAIN OF CUSTODY RECORD

GEOSCI

JOB NO.	PROJECT NAME
98.190	GARDNER ASPHALT

SAMPLERS (SIGNATURE)

Steve Enlow

SAMPLE NO.	DATE	TIME	(GRAB)	(COMP)	STATION LOCATION	NO. OF CONTAINERS	WATER/WASTEWATER	MISC.	REQUESTED ANALYSIS
SP-1	8-14-98	13:30		X	328008	1			5030/3550 8015
SP-2	8-14-98	14:00		X	009	1			
MS-1	8-14-98	14:30		X	010	1			
MS-2	8-14-98	14:40		X	011	1			
MS-3	8-14-98	14:50		X	012	1			

2L G (BNA, Herb/Pest)
2-40ml Vials (VOA)
250ml G (TOX)
250ml P (TOC)
1L P/G (BOD, TSS, Undissolved, etc)
1L G (Phenol, Oil & Grease)
1L P/G COD, N/P
1L P/G (Metals, Hardness)
1L P/G (CYANIDE)
Sterile P/G (Coliform)

RELINQUISHED BY	DATE/TIME	RECEIVED BY	
Steve Enlow	8/17 1340		17 1415
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
	8/17/98 2:15		

REMARKS: Please supply verbal results by 8/24/98.

35

POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

Buddy Goolsky.

POTENTIAL SOURCE OWNER-OPERATOR

I

Potential Source Owner-Operator: GARDNER ASPHALT.			Telephone: 784-8924.
Company: —		Street Address: 1664 M.L. King Dr.	
City	County: Forsyth	State: NC	Zip Code: 27117

U.S.T. REGISTERED 1. YES 2. NO	SOURCE/U.S.T. IN USE 1. N/A 2. YES 3. NO	PERMIT TYPE 0. N/A 1. Non-discharge 2. Oil terminal 3. Landfill 4. Mining 5. NPDES 6. RCRA	OWNERSHIP 0. N/A 1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State	OPERATION TYPE 0. N/A 1. Public Service 2. Agricultural 3. Residential 4. Educational/Religious 5. Industrial 6. Commercial 7. Mining
FACILITY ID#	SOURCE PERMITTED 1. Yes 2.No			
FEDERAL U.S.T. DESIGNATION 1. Regulated 2. Non-Regulated	PERMIT NUMBER			
STATE U.S.T. DESIGNATION 1. Commercial 2. Non-Commercial	SOURCE ON ERRIS LIST 1. Yes 2. No			
	ERRIS NUMBER			

U.S.T. LEAK PREVENTION MEASURES
Was tank retrofitted with overfill protection?
1. Yes
2. No
When and by whom?_____
Was tank retrofitted with interior lining?
1. Yes
2. No
When and by whom?_____
Was tank retrofitted with cathodic protection?
1.Yes
2.No
When and by whom?_____

REASON FOR INCIDENT
1. Transportation
2. Mechanical failure
3. Facility
4. Inventory only
5. Human error
6. Vandalism
7. Unknown

ACTIONS TAKEN

J

Investigation, Containment, Cleanup, etc.

ET will continue investigation will put MW's upgradient of RR spur, along bank to see about lateral GW movement. Also deep MW to see if extends below fill / saprolite interface to deep saprolite, PWR. May be readily remediable in-situ.

See page to MAC less than working contained.

Circle Appropriate Responses
Lab Samples Taken By: 1. D.E.M. 2. D.H.S. (3.) Responsible Party 4. None

Samples Taken Include (1) Groundwater (2.) Soil 3. Surface Water

POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

POLLUTANTS INVOLVED

	MATERIALS INVOLVED	AMOUNT STORED OR TANK CAPACITY	AMOUNT LOST	AMOUNT RECOVERED
E	MINERAL SPIRITS.		500 gal	—

IMPACT ON SURFACE WATERS

F	WATERS AFFECTED 1. Yes (2) No 3. Potentially			Distance to Stream(ft)
	Fish Kill 1. Yes (2) No		Name of Stream	Stream Class

W-S WATER.

IMPACT ON DRINKING WATER SUPPLIES

G	WELLS AFFECTED 1. Yes (2) No 3. Potentially		No. of Wells Affected	No. of Wells Potentially Affected
	Population Served By Affected Wells —	Estimated Population Served By Potentially Affected Wells —	Aquifer(s) Being Used 1. Water Table 2. Confined 3. Bedrock	

POTENTIAL SOURCE OF POLLUTION

H

PRIMARY SOURCE OF POTENTIAL POLLUTION (Select one)

1. Intentional dump
2. Pit, pond, lagoon
3. Leak-underground
4. Spray irrigation
5. Land application
6. Animal feedlot
7. Source unknown
8. Septic tank
9. Sewer line
10. Stockpile
11. Landfill
(12.) Spill-surface
13. Well
14. Dredge spoil
15. Nonpoint source

PRIMARY POLLUTANT TYPE (Select one)

1. Pesticide/herbicide
2. Radioactive waste
3. Gasoline/diesel
4. Heating oil
(5.) Other petroleum prod. MINERAL SPIRITS
6. Sewage/septage
7. Fertilizers
8. Sludge
9. Solid waste leachate
10. Metals
11. Other inorganics
12. Other organics

LOCATION

(1.) Facility
2. Railroad
3. Waterway
4. Pipeline
5. Dumpsite
6. Highway
7. Residence
8. Other

SETTING

1. Residential
(2.) Industrial
3. Urban
4. Rural

If other sources, list corresponding No's.

If multiple pollutant types, list corresponding No's.

If PIRF previously submitted for Nonprimary Sources, list incident No's.

Confirmed Violation of:

1. 15 NCAC 2L ✓ Yes ____ No
2. Article 21A Part I ____ Yes ____ No
3. Article 21A Part II ____ Yes ____ No
4. Federal/State U.S.T. rules ____ Yes ____ No

POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

1. Incident #_____

2. Tabulate only _____

Division of Environmental Management
GROUNDWATER SECTION

TYPE OF ACTION

A

1. Emergency Response
2. Compliance Investigation
(3.) Complaint Investigation
4. Routine Inventory
5. U.S.T. Leak
6. Other:_____

POTENTIAL HAZARDS: 1. Toxic Chemicals 2. Radioactivity 3. Air Emmissions 4. Explosives 5. Fire

INCIDENT DESCRIPTION

B

Incident Location/Name GARDNER ASPHALT.

Address 1664 MARTIN LUTHER KING DR

City/Town W-S | County FORSYTH | Region WSRO.

Briefly Describe Incident MINERAL SPIRITS SPILL FROM DOCK AREA ONTO RR GRAVEL BED THROUGH FILL/SAPROLITE INTERFACE AND THENCE FROM CUT BANK ONTO TERRACE W/ BIOREMEDIATED SOILS FROM MCLEAN TRUCKING. (FR/ RR TANK CAR).

Date Incident Occurred or Leak Detected 1/22/90

If L.U.S.T., How Leak Was Detected

1. Tank Gauging
2. Vapor Monitoring
3. GW Monitoring
4. Contractor who tightness tested, removed tank, or installed leak detection system. _____
5. Interstitial Monitoring
6. Tank Removal
7. Tightness Test
8. Other_____

PERSON REPORTING INCIDENT

C

Name DONALD BANCAK | Date 1/22/90 | Time.

Company/Agency GARDNER ASPHALT | Telephone 784-8924

REPORTED BY: (1.) Tank owner/operator 2. Government agency 3. Private (3rd) party
(4.) Facility owner (Non-L.U.S.T.) 5. Other:_____

RECOMMENDED ACTION

D

(MULTIPLE CHOICES POSSIBLE)

1. Investigation complete
(2) Continue investigation
3. Initiate/complete cleanup
4. Long-term remedial action
5. Drilling support
6. Issue NOV
7. Confirm leak
8. Monitoring plan

Comments ENGWEEKLY TECTONICS DOING FINAL ASSESSMENT AFTER DOING PRELIMINARY ASSESSMENT.

CLEANUP LEAD (1.) Responsible Party 2. State | Site Priority Ranking

D.E.M. Regional Contact Steve Weiss | Signature | Date 11/27/90.

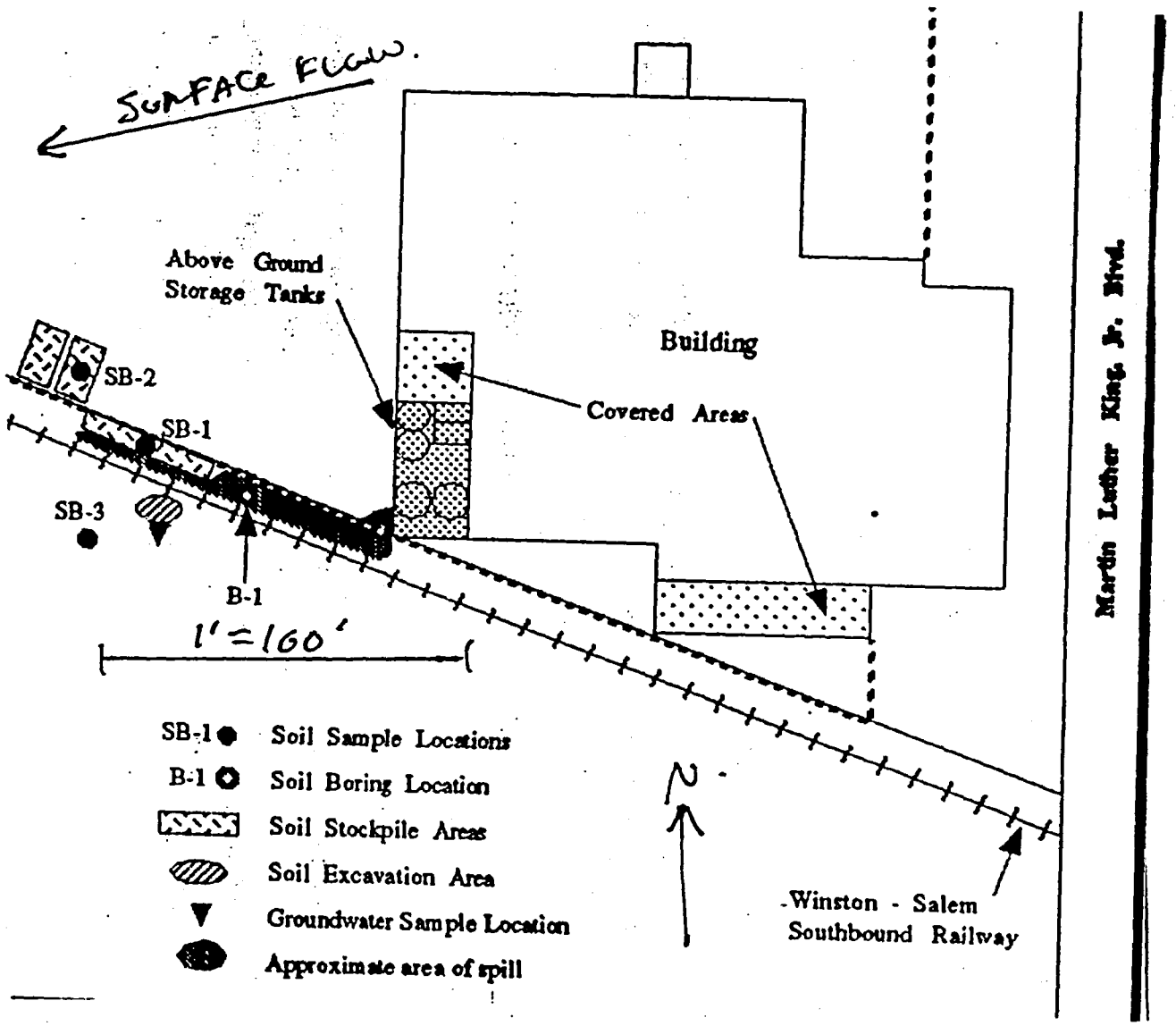
GW-61 Revised 5/89

POLLUTION INCIDENT/U.S.T. LEAK REPORTING

LOCATION OF INCIDENT

7 1/2 Min. Quad Name	Lat. : Deg : Min : Sec :
WINSTON-SALEM EAST	36° 04' 34"
Five Min. Quad Number	Long. : Deg : Min : Sec : 80° 13' 17"

Draw Sketch of Area



K

Sketch Should Identify The Following:

1. Pollutant Source(s)
2. Impacted and Threatened Water Supplies
3. Direction of Overland Flow
4. Significant Recharge and Discharge Features
5. Relative Physical Structures (roads, buildings, etc.)
6. North Arrow
7. Scale

Incident Name GARDNER ASPHALT
Region/County WSRO / FORSYTH
Groundwater Incident File #
Ranking Performed by Steve Wein Date 2/27/91

NORTH CAROLINA
GROUNDWATER CONTAMINATION INCIDENT MANAGEMENT SITE PRIORITY RANKING SYSTEM

Points Awarded

I. IMMINENT HAZARD ASSESSMENT

A. Explosion - free product in confined areas or vapor phase product detected at or above 20% of the lower explosive limit; award 50 points total _____

B. Fire - free product subject to ignition in exposed areas such as surface water impoundments, streams, excavations, etc.; award 50 points total _____

II. EXPOSURE ASSESSMENT

A. Contaminated Drinking Water Supplies

1. Private, domestic water supply well containing substances in con centrations exceeding GA underground water quality standards; award 10 points per well _____

2. Public or institutional water supply well containing substances in concentrations exceeding Class GA underground water quality standards; award 30 points per well _____

3. Exceedances of Class WS-1 surface water quality standards as a result of groundwater discharge; award 20 points per surface water body impacted _____

4. If a water supply well identified in items II.A.1 and II.A.2 cannot be replaced by an existing public water supply source requiring hook-up only; award additional 10 points per irreplaceable well _____

B. Threat to Uncontaminated Drinking Water Supplies

1. Private, domestic water supply well located within 1500 feet down gradient of contaminant source; award 10 points per well _____

2. Public or institutional water supply well located within 1/2 mile downgradient of contaminant source; award 15 points per well _____

3. Raw surface water intake for public water supply located within 1/2 mile downgradient of contaminant source; award 5 points per water supply system _____

4. If any well identied in items II.B.1 and II.B.2 is located within 250 feet of contaminant source; award additional 20 points total _____

C. Vapor Phase Exposure

1. Product vapors detected in inhabitable building(s); award 30 points total _____

(cont.)

Points Awarded

2. Product vapors detected in other confined areas (uninhabitable buildings, sewer lines, utility vaults, etc.); award 5 points total _____

III. CONTAMINANT HAZARD ASSESSMENT (chemical groups are categorized based on toxicity, mobility and persistance in the environment). Evaluate the most hazardous substances detected and select only one of the following:

A. Award 30 points total if contaminants detected are identified with any of the following groups: 30

1. Aromatic (Benzene) Acids
2. Aromatic Hydrocarbons (Benzene Derivatives)
3. Sulfonated Hydrocarbons
4. Halogenated Hydrocarbons
5. Alkaloids
6. Anilines
7. Phenols
8. Aldehydes
9. Ketones
10. Organic Sulfur Compounds (Sulfides, Mercaptans)
11. Organometallic Compounds
12. Cyanides
13. Esters
14. Metal Salts, Including Heavy Metals

B. Award 20 points total if contaminants detected are identified with any of the following groups: _____

1. Aliphatic (Fatty) Acids
2. Alcohols
3. Aliphatic Hydrocarbons (Petroleum Derivative)
4. Pyridines
5. Thiocyanides
6. Mineral and Metal Acids
7. Mineral and Metal Bases
8. Oxides
9. Sulfides

C. Award 10 points total if contaminants detected are identified with any of the following groups: _____

1. Aliphatic Amines and Their Salts
2. Sugars and Cellulose
3. Carbon and Graphite

IV. SOURCE ASSESSMENT

A. Free product thickness of ≥ 1/4 inch detected on water table in observation or monitoring well; award 20 points total _____

B. Contaminated Soil (select only one answer)

1. Soil saturated with product (saturation determined by release of free liquid upon compaction of a soil sample by hand pressure); award 10 points total _____

(cont.)

Points Awarded

2. Soil exhibiting organic vapor content above 100 ppm as measured by organic vapor or volatile organic detection equipment; award 5 points total — 5

C. Uncontrolled or Unabated Primary Source (including dumpsites, stockpiles, lagoons, land applications, septic tanks, landfills, underground and above ground storage tanks, etc.)

1. Suspected or confirmed source remains in active use and continues to receive raw product, wastewater or solid waste; award 20 points per source —

2. Active use of suspected or confirmed source has been discontinued or source was caused by a one-time release of product or waste, however, source continues to reelease product or contaminants into the environment; award 10 points per source — 10.

V. ENVIRONMENTAL VULNERABILITY ASSESSMENT

A. Vertical Contaminant Migration - Literature or well logs indicate that no confining layer is present above bedrock or above twenty feet below land surface; award 10 points total — 10

B. Horizontal Contaminant Migration - Data or observations indicate that no discharge points or aquifer discontinuities exist between the source and the nearest downgradient drinking water supply; award 10 points total —

C. Hydraulic Gradient Is Determined by (select only one answer):

1. Calculations based on groundwater level measurements; award 10 points total — 10

2. Observation of significant recharge/discharge features in the vicinity of contaminant source and local topographic features; award 5 points total —

3. Observation of local topographic features only; award 0 points —

D. Existing Groundwater Quality

1. Analytical test(s) performed on groundwater sample(s) obtained from site cconfirm presence of substances in concentrations exceeding Class GA underground water quality standards; award 10 points total — 10

2. Source(s) identified in Section IV constitute the only known source(s) of contamination resulting in exposure or potential exposure identified in Section II; award 10 points total —

TOTAL POINTS AWARDED — 75.

N.C. DEPARTMENT OF HEALTH, ENVIRONMENT AND NATURAL RESOURCES
Ground Water Section

Telephone Log

Date: 10 / 20 / 94 Sheet 1 of 1

Time: 12 : 45 am ___ Call: Placed X

pm X Received ___

Returned ___

Project: Gardner Asphalt

County: FO

Conversation with: Allen Kemp

Telephone: 704 / 287 / 3755

Affiliation: Consultant

Discussion:

We have not yet reviewed the report and cannot advise you on abandonment of the wells. You need to rely upon your consultants.

cc: FO-C Filed by: Watters

ALLEN C. PERRY
RR5, Box 479-A
Rutherfordton, NC 28139
(704) 287-3755

September 9, 1994

CERTIFIED MAIL

North Carolina Dept. of EHNR
Groundwater Section
8025 North Point Boulevard
Suite 100
Winston-Salem, NC 27106-3203

RE: Attached Letter

The attached letter with Site Assessment Report was submitted in April of this year (1994). To date we have had no response, and we are becoming more concerned with the exposure for tampering of the monitor well even though the wells are capped and locked.

Gardner has had two break-ins in the past six months from the rail siding of the plant. Juveniles and others use the railroad track as a short-cut. They pass within a few feet of the monitor wells.

Please acknowledge receipt of the Assessment Report and if possible advise if the wells can be properly closed at this time.

Sincerely,

A. C. Perry, Consulting Engineer

Gardner Asphalt Corporation
1664 Stadium Drive • Winston Salem • NC 27117 • (919) 784-8924

Certified Mail

North Carolina Dept. of EHNR
8025 North Point Boulevard
Suite 100
Winston-Salem, North Carolina 27106-3203

RE: Contamination Site Assessment
Mineral Spirits Spill-1989
Gardner Asphalt Corporation

During December of 1989, Gardner Asphalt Corporation reported a tank overflow spill of Mineral Spirits. At the direction of DEHNR the spillage was pumped up and the soil in the area of the spill excavated and removed.

An Iron Oxide deposit with an oil film type appearance was observed at the old excavation site (railroad property) and convinced adjoining property owners that the soil and ground water was contaminated.

The attached report is the latest evaluation of the spill site. As can be seen by the analysis there is no contamination of groundwater; however, there is some surface soil contamination with hydrocarbon in the area of the original spill above the state action levels.

We are requesting authorization to properly close the monitor well at this time to prevent possible tampering by others. In addition, we request your direction on this second attempt at removing the remaining contaminated soil. In light of the fact that there are no water wells in the area and the site is in an industrial area, please advise as to what extent of excavation and soil removal DEHNR requires to properly close this project.

Sincerely,

A.C. Perry, Consulting Engineer
Gardner Asphalt Corporation

IMPORTANT

To Janet

Date 5/26 Time 8:28

WHILE YOU WERE OUT

M Jeff Butler

of WS Southbound Railroad

Phone 723-3671
AREA CODE NUMBER EXTENSION

TELEPHONED	X	PLEASE CALL	
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	
RETURNED YOUR CALL			

Message Called regarding Gardner Asphalt

JMS
Signed

N.C. Dept. of Environment, Health, and Natural Resources

Printed on Recycled Paper

~~206~~ WS Southbound
P O Box 20204
WS 27120-0204

MEMO

DATE: _____

TO: _____ SUBJECT: _____

Wanted to know if the state was doing anything to see that Gardner Asphalt cleaned up contamination from the 1990 spill. Mailed copy of N.O.V. From: _____

Janet 5-26-92

North Carolina Department of Environment, Health, and Natural Resources

Printed on Recycled Paper

N.C. DEPARTMENT OF HEALTH, ENVIRONMENT AND NATURAL RESOURCES
Ground Water Section

Telephone Log

Date: 1 / 5 / 93
Time: 4 : 50 am ___
(pm) ___

Sheet 1 of 1
Call: Placed ___
Received ✓
Returned ___

Project: Gardner Asphalt
County: FO
Conversation with: Rory Wheleban
Telephone: ___ / 721 / 3521
Affiliation: Womble Carlyle - represent Sanborn

Discussion:

- would like to know status of mineral oil spill
- client is concerned about clean-up because of bankruptcy

Mr. Hyer is in bankruptcy for several companies in Florida

Individual Attorney: Patricia Redmond - Miami
(305) 789-3546

Corporate Attorney: John Olson - Tampa
(813) 223-4800

- bankruptcy hearing/meeting is coming up soon - doesn't think client will be satisfied w/ proposal; but has not seen it.

- may want to file joint complaint/protest w/ State for clean-up activities - refer to Phil Telfer

cc: ___

Filed by: L. Knight

N.C. DEPARTMENT OF HEALTH, ENVIRONMENT AND NATURAL RESOURCES
Ground Water Section

Telephone Log

Date: ____/____/____ Sheet ____ of ____

Time: ____:____ am ____ Call: Placed ____

pm ____ Received ____

Returned ____

Project: _____

County: _____

Conversation with: Sherri

Telephone: ____/____/____

Affiliation: _____

Discussion: Telfer — gone until Monday

Bill ~~Shelton~~

Re: Gardner Asphalt Bankruptcy

May 4 - 1992 NOV

Telfer:

Have spoken w/ atty handling bankruptcy in FL. Have hired a NC consultant —

Atty will have consult call Sherri soon.

Call him back Monday to give report (status?) of conversation w/ consultant

done

cc: _____ Filed by: _____

CRAIGE, BRAWLEY, LIIPFERT AND ROSS
ATTORNEYS AND COUNSELLORS AT LAW
500 WEST FOURTH STREET, SUITE 200 - POST OFFICE BOX 1666
WINSTON-SALEM, NORTH CAROLINA 27102-1666

TELEPHONE (919) 725-0583
TELECOPY (919) 725-4677

BURTON CRAIGE 1811-1875
KERR CRAIGE 1843-1904
F. BURTON CRAIGE 1875-1945
ROBERT V. BRAWLEY 1910-1988

COWLES LIIPFERT
C. THOMAS ROSS
WILLIAM W. WALKER
PHILIP E. SEARCY
DIANE BROCK OSER
GREGORY C. WARD
G. WILSON MARTIN, JR.
B. BAILEY LIIPFERT, III

516 EAST MOUNTAIN STREET
SUITE E
KERNERSVILLE, N.C. 27284
TELEPHONE (919) 993-6912
TELECOPY (919) 993-6908

June 16, 1992

Mr. Larry D. Coble
Regional Supervisor
State of North Carolina
Department of Environment,
Health and Natural Resources
8025 North Point Blvd., Suite 100
Winston-Salem, NC 27106

RE: **GW Incident #6088 (Gardner Asphalt Company)**

Dear Mr. Coble:

We are attorneys for the Winston-Salem Southbound Railway Company. I am writing simply to let you know that I have seen a copy of your May 4, 1992, letter to Mr. Tim Belcastro of Gardner Asphalt and stand ready to provide whatever assistance I can in resolving this problem.

In the future, I would ask that you deal with the WSSB through me. Thank you for your help on this.

Sincerely yours,

William W. Walker

WWW/lp

cc: Steve Vanhoy

LAW OFFICES
HUTCHINS, TYNDALL, DOUGHTON & MOORE
POST OFFICE DRAWER 20039
WINSTON-SALEM, N. C. 27120-0039

115 WEST THIRD STREET
WINSTON-SALEM, N. C. 27101

FRED S. HUTCHINS, JR.
GEORGE E. DOUGHTON, JR.
THOMAS W. MOORE, JR.
RICHARD TYNDALL
RICHMOND W. RUCKER
H. LEE DAVIS, JR.
KENT L. HAMRICK
LAURIE L. HUTCHINS
MAUREEN T. ORBOCK
THOMAS J. DOUGHTON
DAVID L. HALL

COUNSEL TO THE FIRM
CLAUDE M. HAMRICK

ROY L. DEAL (1890-1983)
FRED S. HUTCHINS (1893-1977)
JOHN M. MINOR (1917-1974)

TELEPHONE
725-8385
TELECOPIER
723-8838
AREA CODE 919

May 11, 1992

Mr. Larry D. Coble
Department of Environmental Health
and Natural Resources
Winston-Salem Regional Office
8025 Northpoint Boulevard, Suite 100
Winston-Salem, NC 27106-3203

Re: Your Notice of Violation of the Oil Pollution and Hazardous Substances Control Act issued to Gardner Asphalt Company dated May 4, 1992

Dear Mr. Coble:

McLean Trucking Company, which I represent, received from you a copy of the Notice of Violation referred to above and issued to Gardner Asphalt Company. Your file will reflect that McLean Trucking Company, as an adjoining landowner, had an interest in this matter. However, McLean has sold its property to Sanborn, Inc. of Wrentham, Massachusetts. That company is represented by Mr. Paul X. Tobin who is Director of Corporate Planning and whose address is 25 Commercial Drive, Wrentham, Massachusetts. Sanborn's telephone number is (508) 384-3181.

I am forwarding to Mr. Tobin the copy of the notice which we received from your office.

Very truly yours,

HUTCHINS, TYNDALL, DOUGHTON & MOORE

Claude M. Hamrick

CMH:tp
cc: Mr. Thomas B. Henson
Mr. W. Steven Johnson
Mr. David L. Barnes

N.C. DEPARTMENT OF HEALTH, ENVIRONMENT AND NATURAL RESOURCES
Ground Water Section

Telephone Log

Date: 5 / 13 / 92 Sheet 1 of 1

Time: 2 : 20 am ____ Call: Placed ____

pm ✓ Received ✓

Returned ____

Project: Gardner Asphalt

County: Forsyth

Conversation with: Tim Belcastro

Telephone: 813 / 248 / 2101

Affiliation: ____

Discussion: E.T. - proposal for in-situ treatment - rejected
are looking at 1) possibility of landfarming on asphalt
2) in-situ treatment of soil under RR
3) Brick Manuf.

Ken Van Hoy → ET → farming on impervious surface

Report for full site ~ 1 yr old
Did not address off site impacts → which it needs to address
Any potential impacts → McLean Trucking

NOV received in W-Salem May 6
Tim Belcastro received today

Further correspondence send to:

Mr. Raymond T. Hyer
P.O. Box 5449
Tampa, FL 33675
(813) 248-2101

cc: ____ Filed by: Sherri Knight

State of North Carolina
Department of Environment, Health and Natural Resources
Winston-Salem Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Margaret Plemmons Foster
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

NOTICE OF VIOLATION OF THE OIL POLLUTION AND HAZARDOUS SUBSTANCES CONTROL ACT

May 4, 1992

CERTIFIED MAIL NUMBER P-536 302 536
RETURN RECEIPT REQUESTED

Mr. Tim Belcastro
Gardner Asphalt
1664 Martin Luther King Drive
Winston-Salem, NC 27101

Subject: Mineral Spirits Spill
Gardner Asphalt
GW Incident Number 6088

Dear Mr. Belcastro:

Chapter 143, North Carolina General Statutes, authorizes and directs the Environmental Management Commission of the Department of Environment, Health, and Natural Resources to protect and preserve the water and air resources of the State. The Division of Environmental Management has the delegated authority to enforce adopted pollution control rules and regulations.

The purpose of the Oil Pollution and Hazardous Substances Control Act is to promote the health, safety and welfare of the citizens of this State by protecting the land and the waters over which this State has jurisdiction from pollution by oil, oil products, oil by-products and other hazardous substances.

In January of 1990 a mineral spirits spill occurred while the product was being transferred from a railway tank car to an onsite storage tank. Reports on file indicate that soils were impacted and groundwater potentially affected by the spill.

Such a discharge is in violation of G.S. 143-215.75 et. seq. Oil Pollution and Hazardous Substances Control Act of 1978. Please reference the following excerpts from the Act:

> 143-215.83. Discharges. - (a) Unlawful Discharges. - It shall be unlawful, except as otherwise provided in this Part, for any person to discharge, or cause to be discharged, oil or other hazardous substances into or upon any waters, tidal flats, beaches, or lands within this State, or into any sewer, surface water drain or other waters that drain into the waters of this State, regardless of the fault of the person having control over the oil or other hazardous substances, or regardless of whether the discharge was the result of intentional or negligent conduct, accident or other cause.
>
> 143-215.84. Removal of prohibited discharges. - (a) Person Discharging. - Any person having control over oil or other hazardous substances discharged in violation of this Article shall immediately undertake to collect and remove the discharge and to restore the area affected by the discharge as nearly as may be to the condition existing prior to the discharge. If it is not feasible to collect and remove the discharge, the person responsible shall take all practicable actions to contain, treat and disperse the discharge; but no chemicals or other dispersants or treatment materials which will be detrimental to the environment or natural resources shall be used for such purposes unless they shall have been previously approved by the Environmental Management Commission.

It is our understanding that you and/or your firm are responsible for violation of the Oil Pollution and Hazardous Substances Control Act. Therefore, you are considered as the party responsible for immediately undertaking clean-up of contamination and restoring the affected area.

While two reports have been submitted, clean-up and restoration of the areas affected have not been achieved. In fact, extent of contamination still in place may need to be re-evaluated at this time.

It is requested that within fifteen (15) days, you submit a written response describing your plans to achieve compliance with the Act. Should you dispute our assessment of responsibility, please include documentation of your position in your response.

Failure to respond or failure to promptly undertake clean-up and restoration of the affected area may result in the recommendation of enforcement action including: (1) the issuance of a special order against you under the authority of G.S. 143-215.2, (2) a request to the Attorney General to institute an action for injunctive relief, (3) a civil penalty of up to $5,000 in accordance with G.S. 143-215.91.

Please do not hesitate to contact Janet M. Russell or Sherri V. Knight regarding any questions you may have about this matter at the letterhead address or telephone number between the hours of 9:00-10:00 a.m. or 1:30-2:30 p.m.

Sincerely,

Larry D. Coble
Regional Supervisor

LDC/ahl

Enclosure

cc: Office Of General Counsel
Incident Mgt. Unit
WSRO Files
Forsyth County Health Dept.

P-536 302 536

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Tim Belcastro ~~Gardner~~ Asphalt	
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$
Postmark or Date	

PS Form 3800, June 1985 U.S.G.P.O. 153-506

NOV/OIL POLLUTION/MINERAL SPIRITS SPILL/GARDNER ASPHALT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery.

3. Article Addressed to:

Mr. Tim Belcastro
Gardner Asphalt
1664 Martin Luther King Drive
Winston-Salem, NC 27101

4. Article Number
P-536 302 536

Type of Service:

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X C. Lear

6. Signature — Agent
X

7. Date of Delivery
5/11/92

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Feb. 1986 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS
Print your name, address, and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

RETURN TO

RECEIVED
N.C. Dept. of EHNR
MAY 12 1992
Winston-Salem Regional Office

U.S.MAIL

PENALTY FOR PRIVATE USE, $300

Print Sender's name, address, and ZIP Code in the space below.

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT
HEALTH AND NATURAL RESOURCES
GROUNDWATER SECTION
8025 NORTH POINT BLVD SUITE 100
WINSTON-SALEM NC 27106

Attention: Janet Russell

LAW OFFICES
HUTCHINS, TYNDALL, DOUGHTON & MOORE
POST OFFICE DRAWER 20039
WINSTON-SALEM, N. C. 27120-0039

115 WEST THIRD STREET
WINSTON-SALEM, N. C. 27101

FRED S. HUTCHINS, JR.
GEORGE E. DOUGHTON, JR.
THOMAS W. MOORE, JR.
RICHARD TYNDALL
RICHMOND W. RUCKER
H. LEE DAVIS, JR.
KENT L. HAMRICK
LAURIE L. HUTCHINS
MAUREEN T. ORBOCK
THOMAS J. DOUGHTON
DAVID L. HALL

COUNSEL TO THE FIRM
CLAUDE M. HAMRICK

ROY L. DEAL (1890-1983)
FRED S. HUTCHINS (1893-1977)
JOHN M. MINOR (1917-1974)

TELEPHONE
725-8385
TELECOPIER
723-8838
AREA CODE 919

April 21, 1992

Mr. Paul X. Tobin
Director Corporate Planning
Sanborn, Inc.
25 Commercial Drive
Wrentham, Massachusetts 02093

Re: Gardner Asphalt Company

Dear Paul:

You will recall that Gardner Asphalt Company, whose property adjoins the McLean Terminal Complex, had a spill of some contaminate which seeped through the bank and on to McLean's property. McLean demanded that the situation be corrected. Gardner was permitted to remove a portion of the fence and it excavated a portion of the bank where the seepage had occurred. The seepage continued for some time and McLean renewed its demand that it be cleaned up, the fence restored, and the excavation filled in. Steve Johnson is entirely familiar with the matter and with the results of some testing which Gardner Asphalt did on its own property as well as some testing on McLean's property. The last few times that I looked at the affected area, it appeared to have almost completely dried up. However, the fence was not replaced and the excavation is still there.

The purpose of this letter is just to inform you that Dave Barnes has learned that Gardner Asphalt and its parent company, which is located in Tampa, have now filed a Chapter 11 Bankruptcy Petition. Thinking that you might wish to pursue some claim against Gardner, I am enclosing copies of the information relating to the bankruptcy. I am quite sure that you were earlier furnished

a copy of the results of the tests which Gardner did on the property. In any case, however, Steve Johnson also has a copy of the test results and can fill you in on the advice he gave us regarding this matter.

With personal regards, I am

Very truly yours,

HUTCHINS, TYNDALL, DOUGHTON & MOORE

Claude M. Hamrick

Enclosure
CMH:tp
cc: Mr. David L. Barnes
Mr. Thomas B. Henson

Gardner Asphalt Corporation
P.O. Box 5449 • Tampa • FL 33675-5449 • 4161 East 7th Avenue • Tampa • FL 33605 • (813)248-2101

FAX TO: C.M. HAMRICK
FROM: D. BARNES (768-8100)
4/21/92
6 PAGES

March 4, 1992

TO ALL GARDNER ASPHALT SUPPLIERS

I am writing to inform you that Gardner Asphalt has filed on February 26, 1992 for court protection under Chapter 11 of the United States Bankruptcy code. I want you to know why we are taking this action and what it means for Gardner Asphalt and you, our suppliers.

Gardner took this action to file for Chapter 11 because its lending bank, First Florida, prevented this company from operating. First Florida's actions over the last four weeks leading up to the filing were as follows:

- In late January First Florida refused to advance the company additional funds for working capital purposes. In addition, the bank demanded immediate repayment of all outstanding indebtedness citing a non-monetary loan covenant breach.

- On February 11, 1992, First Florida swept the company's operating account, bouncing $165 thousand of vendor checks.

- On February 18, 1992 First Florida garnished the company's new operating account at NCNB which had accumulated $1.5 million in deposits between February 12 and February 17. This garnishment resulted in additional NSF checks to our vendors and prevented the company from operating its business. This speedy filing assured the maximum possible protection to our vendors in light of First Florida's actions.

These events led the company to the conclusion that its only alternative was to file for Chapter 11 protection and settle its problems with First Florida through the court system.

Since the Chapter 11 filing, we have the following good news to report to you:

- On Friday, February 28, the court signed an order releasing the $1.5 million garnished funds at NCNB to the company. This means we have <u>cash</u> to pay for all post-petition shipments or services to the company.

- We currently have a commitment for Debtor in Possession (DIP) financing. This financing, which is subject to court approval, will provide added assurances the company will continue normal operation. In the interim, the availability of the $1.5 million plus additional cash generated through operations will position Gardner Asphalt for its busy season.

I want to emphasize that Gardner Asphalt is not going out of business. We are confident that Gardner Asphalt will continue normal operations -- and we have taken steps to ensure just that.

While we would rather have achieved a restructuring outside of court, through this filing we will be able to accelerate our turnaround by freeing ourselves from burdensome demands of First Florida. This will permit Gardner Asphalt to continue normal operations, and through bank and insurance company debt restructuring our company will be put on a much stronger financial and operating foundation. This restructuring will be through a reorganization plan submitted to the court for approval as soon as possible, so that we can emerge from Chapter 11 quickly.

If you have any questions, please contact Carl Difani, Brian Reichelt, or Lydia Chimera at (813) 248-2101. In addition we will be in regular contact with you to keep you informed of all developments.

I thank you for your past support and assure you that we will do everything we can to put this reorganization behind us as quickly as possible. We are convinced that the long-term outlook of Gardner Asphalt remains excellent, and that through this process, Gardner Asphalt will become an ever stronger company. Thank you for your continued support and understanding.

Sincerely,

Raymond T. Hyer
President and CEO

RTH/dp

Encl: Copy of Gardner's Chapter 11 Filing

FORM B1 (6/90)

FORM 1. VOLUNTARY PETITION

United States Bankruptcy Court

SOUTHERN District of FLORIDA

VOLUNTARY PETITION

IN RE (Name of debtor - If individual, enter Last, First, Middle)
GARDNER INDUSTRIES INC.

NAME OF JOINT DEBTOR (Spouse) (Last, First, Middle)

ALL OTHER NAMES used by the debtor in the last 6 years (include married, maiden, and trade names)

ALL OTHER NAMES used by the joint debtor in the last 6 years (include married, maiden, and trade names)

92-20779

SOC. SEC./TAX I.D. NO. (If more than one, state all)
51-0119558

SOC. SEC./TAX I.D. NO. (If more than one, state all)

Relief Ordered

BKC-AJC

STREET ADDRESS OF DEBTOR (No. and street, city, state, and zip code)
4161 E. 7TH AVENUE
TAMPA, FLORIDA 33605

COUNTY OF RESIDENCE OR PRINCIPAL PLACE OF BUSINESS
HILLBOROUGH

STREET ADDRESS OF JOINT DEBTOR (No. and street, city, state, and zip code)

COUNTY OF RESIDENCE OR PRINCIPAL PLACE OF BUSINESS

MAILING ADDRESS OF DEBTOR (If different from street address)

MAILING ADDRESS OF JOINT DEBTOR (If different from street address)

LOCATION OF PRINCIPAL ASSETS OF BUSINESS DEBTOR (If different from address listed above)

VENUE (Check one box)

☐ Debtor has been domiciled or has had a residence, principal place of business, or principal assets in this District for 180 days immediately preceding the date of this petition or for a longer part of such 180 days than in any other District.

☒ There is a bankruptcy case concerning debtor's affiliate, general partner, or partnership pending in this District.

INFORMATION REGARDING DEBTOR (Check applicable boxes)

TYPE OF DEBTOR
☐ Individual
☐ Joint (Husband and Wife)
☐ Partnership
☐ Other ____________
☐ Corporation Publicly Held
☒ Corporation Not Publicly Held
☐ Municipality

NATURE OF DEBT
☐ Non-Business/Consumer
☒ Business - Complete A & B below

A. TYPE OF BUSINESS (Check one)
☐ Farming
☐ Professional
☐ Retail/Wholesale
☐ Railroad
☐ Transportation
☒ Manufacturing/Mining
☐ Stockbroker
☐ Commodity Broker
☐ Construction
☐ Real Estate
☐ Other Business

B. BRIEFLY DESCRIBE NATURE OF BUSINESS
Manufacture and distribution of asphalt and related products

CHAPTER OR SECTION OF BANKRUPTCY CODE UNDER WHICH THE PETITION IS FILED (Check one box)
☐ Chapter 7
☐ Chapter 9
☒ Chapter 11
☐ Chapter 12
☐ Chapter 13
☐ Sec. 304 - Case Ancillary to Foreign Proceeding

FILING FEE (Check one box)
☒ Filing fee attached
☐ Filing fee to be paid in installments. (Applicable to individuals only.) Must attach signed application for the court's consideration certifying that the debtor is unable to pay fee except in installments. Rule 1006(b). See Official Form No. 3

NAME AND ADDRESS OF LAW FIRM OR ATTORNEY
Stearns Weaver Miller Weissler Alhadeff & Sitterson, P.A.
P. O. Box 3299, Tampa, Fl 33601
Telephone No. (813)223-4800

NAME(S) OF ATTORNEY(S) DESIGNATED TO REPRESENT DEBTOR (Print or Type Names)
John K. Olson, Esquire

☐ Debtor is not represented by an attorney

STATISTICAL/ADMINISTRATIVE INFORMATION (U.S.C. § 604) (Estimates only) (Check applicable boxes)

☒ Debtor estimates that funds will be available for distribution to unsecured creditors.

☐ Debtor estimates that, after any exempt property is excluded and administrative expenses paid, there will be no funds available for distribution to unsecured creditors.

ESTIMATED NUMBER OF CREDITORS

1-15	16-49	50-99	100-199	200-999	1000-over
☐	☐	☐	☐	☐	☒

ESTIMATED ASSETS (in thousands of dollars)

Under 50	50-99	100-499	500-999	1000-9999	10,000-99,000	100,000-over
☐	☐	☐	☐	☐	☐	☒

ESTIMATED LIABILITIES (in thousands of dollars)

Under 50	50-99	100-499	500-999	1000-9999	10,000-99,000	100,000-over
☐	☐	☐	☐	☐	☐	☒

EST. NO. OF EMPLOYEES - CH. 11 & 12 ONLY

0	1-19	20-99	100-999	1000-over
☐	☐	☐	☒	☐

EST. NO. OF EQUITY SECURITY HOLDERS - CH. 11 & 12 ONLY

THIS SPACE FOR COURT USE ONLY

Name of Debtor GARDNER INDUSTRIES INC.

Case No

FILING OF PLAN

For Chapter 9, 11, 12 and 13 cases only. Check appropriate box

☐ A copy of debtor's proposed plan dated _____ is attached

☒ Debtor intends to file a plan within the time allowed by statute, rule or order of the court

PRIOR BANKRUPTCY CASE FILED WITHIN LAST 6 YEARS (If more than one, attach additional sheet)

Location Where Filed	Case Number	Date Filed

PENDING BANKRUPTCY CASE FILED BY ANY SPOUSE, PARTNER, OR AFFILIATE OF THIS DEBTOR (If more than one, attach additional sheet)

Name of Debtor	Case Number	Date
Relationship	**District**	**Judge**

REQUEST FOR RELIEF

Debtor requests relief in accordance with the chapter of title 11, United States Code specified in this petition

SIGNATURES

X _____ ATTORNEY Date 2/26/92

Signature

INDIVIDUAL JOINT DEBTOR(S)

I declare under penalty of perjury that the information provided in this petition is true and correct

X _____
Signature of Debtor

Date

X _____
Signature of Joint Debtor

Date

CORPORATE OR PARTNERSHIP DEBTOR

I declare under penalty of perjury that the information provided in this petition is true and correct and that the filing of this petition on behalf of the debtor has been authorized

X _____
Signature of Authorized Individual

Raymond T. Eyer, Jr.
Print or Type Name of Authorized Individual

Chairman
Title of Individual Authorized by Debtor to File this Petition

2/26/92
Date

EXHIBIT "A" (To be completed if debtor is a corporation requesting relief under Chapter 11.)

☐ Exhibit "A" is attached and made a part of this petition

TO BE COMPLETED BY INDIVIDUAL CHAPTER 7 DEBTOR WITH PRIMARILY CONSUMER DEBTS (See P.L. 98-353 § 322)

I am aware that I may proceed under chapter 7, 11, or 12, or 13 of title 11, United States Code, understand the relief available under each chapter, and choose to proceed under chapter 7 of such title

If I am represented by an attorney Exhibit B has been completed

X _____ _____
Signature of Debtor Date

X _____ _____
Signature of Joint Debtor Date

EXHIBIT "B" (To be completed by attorney for individual chapter 7 debtor(s) with primarily consumer debts.)

I, the attorney for the debtor(s) named in the foregoing petition, declare that I have informed the debtor(s) that (he, she, or they) may proceed under chapter 7, 11, 12, or 13 of title 11, United States Code, and have explained the relief available under each chapter.

X _____ _____
Signature of Attorney Date

UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF FLORIDA

In re:	:	Case No.
GARDNER INDUSTRIES, INC.,	:	Chapter 11
Debtor.	:	

EXHIBIT "A" TO VOLUNTARY PETITION

1. Debtor's employer identification number is 59-0119558.

2. If any of debtor's securities are registered under section 12 of the Securities and Exchange Act of 1934, the SEC file number is _____.

3. The following financial data is the latest available information and refers to debtor's condition on November 30, 1991.

a. Total assets	$ 34,884,151	
b. Total liabilities	$ 30,835,041	
		Approximate number of holders
Fixed, liquidated secured debt	$ 12,709,000	5
Contingent secured debt	$	
Disputed secured claims	$	
Unliquidated secured debt	$	
		Approximate number of holders
Fixed, liquidated unsecured debt	$ 17,916,000	500+
Contingent unsecured debt	$	
Disputed unsecured claims	$	
Unliquidated unsecured debt	$	
Number of shares of preferred stock		
Number of shares of common stock		

Exhibit "A" continued

Comments, if any: See below.

4. Brief description of debtor's business: Manufacture and distribution of asphalt and related products.

5. List the name of any person who directly or indirectly owns, controls, or holds, with power to vote, 20% or more of the voting securities of debtor: Raymond T. Hyer Jr., 100%

6. List the names of all corporations 20% or more of the outstanding voting securities of which are directly or indirectly owned, controlled, or held, with power to vote, by debtor: None.

[illegible]

The financial information presented herein is on a consolidated basis for the following companies, all of which filed simultaneously for protection under Chapter 11 of the Bankruptcy Code: Gardner Industries, Inc., Gardner Asphalt Company, American Lava Coatings Corp., Gardner Asphalt, Inc., Gardner-Overall, Inc., Gardner Asphalt Corporation, APOC of Colorado, Inc., Asphalt Products Oil Corp., GAC Transco, Inc., GAC Trucking Company, Inc., Gardner Asphalt Corp. of Delaware, Gardner International Operations, Limited, Gardner Asphalt Corporation.

4/27 Paul - I expect to see comment back on this from TRIAD (Steve Johnson) Bm

SANBORN
Leaders in Se... ...chnology
25 Commercial Drive
Wrentham • MA • 02093
508-384-3181

DATE 4/27/92 TIME 4:00 ☐ A.M. ☑ P.M. NUMBER OF PAGES (Including Cover Letter) 9

NOTE: If you did not receive all of the pages or if you have a question, please call the verifying number (below).

TO: TRIAD	FROM: Brian Moran
CO NAME Steven Johnson	NAME
ADDRESS	SUBJECT
ATTENTION	FAX NO 508/384-7580
FAX NO 919 766 0810	VERIFYING NO. 508/384-3181

FAX Transmission

Steve:

Please provide us with your comments concerning the attached letter. I would also like to see copies of the data they make reference to.

Regards
Brian Moran

Paul - 4/28
- I asked Jeanne to buy you on the Confidentiality Agreement. She'll FAX to Glen (Mike Cody)
- I assume we have the go ahead?

Bm

Gardner Spill
1990 - 500 gal. Spill - mineral spirits

State of North Carolina
Department of Environment, Health, and Natural Resources
Winston-Salem Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Margaret Plemmons Foster
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

October 25, 1991

GARDNER ASPHALT CORPORATION
1664 Martin Luther King Jr. Blvd.
Winston-Salem, NC

RE: Mineral Spirits Spill
January, 1990

Dear Sir:

Winston-Salem Regional Office staff have reviewed the soil and groundwater investigative report for the Gardner Asphalt site that was submitted by Engineering Tectonics, May 1991. That plan describes conditions at the site as well as outlines a plan for remediation. The remediation plan involves excavation of all contaminated soil that can be excavated and insitu treatment of contaminated soil that cannot be excavated. It is our understanding that Engineering Tectonics is currently working with Mr. Chris Greene of our staff in obtaining a permit for the land application of the excavated soil.

Please submit a proposed schedule for the following:

1. Excavation of contaminated soil
2. Treatment of excavated soil
3. Treatment of contaminated soil insitu
4. Groundwater monitoring

Remediation activities should commence as soon as possible. Your cooperation in submitting the proposed work schedule will be appreciated.

Sincerely,

Janet M. Russell
Hydrogeologic Technician

8025 North Point Boulevard, Suite 100, Winston-Salem, N.C. 27106-3203 • Telephone [illegible] (919) 896-7007
(919) 896-7005 FAX

Bill Castro
Tim Belcastro

LAW OFFICES

HUTCHINS, TYNDALL, DOUGHTON & MOORE

POST OFFICE DRAWER 20039

WINSTON-SALEM, N. C. 27120-0039

115 WEST THIRD STREET

WINSTON-SALEM, N. C. 27101

FRED S. HUTCHINS, JR.
GEORGE E. DOUGHTON, JR.
THOMAS W. MOORE, JR.
RICHARD TYNDALL
RICHMOND W. RUCKER
H. LEE DAVIS, JR.
KENT L. HAMRICK
LAURIE L. HUTCHINS
MAUREEN T. ORBOCK
THOMAS J. DOUGHTON
DAVID L. HALL

COUNSEL TO THE FIRM
CLAUDE M. HAMRICK

ROY L. DEAL (1890-1983)
FRED S. HUTCHINS (1893-1977)
JOHN M. MINOR (1917-1974)

TELEPHONE
725-8385
TELECOPIER
723-8838
AREA CODE 919

September 9, 1991

Gardner Asphalt Corporation
1664 Martin Luther King, Jr. Drive
Winston Salem, NC 27107
attn: General Manager

Re: Contamination of McLean Trucking Company Property by Gardner Asphalt Corporation

Gentlemen:

It has now been more than a year since we contacted you complaining of the contaminating substance draining from your property onto McLean Trucking Company's adjoining terminal property on Waughtown Street in Winston-Salem. Thereafter, in a meeting at the site with you, Mr. David Barnes, and Mr. Roy Joyner, you indicated that the spill emanated from your property. You were at that time given permission to temporarily remove a portion of the fence so that Mr. Joyner could do some work for you in attempting to determine the extent of the drainage problem. Subsequently, Mr. Joyner did some excavation, but the drainage continued. At times it collected in a puddle before washing over on to the McLean property.

We were informed that you employed the firm of Engineering Techtonics to investigate and determine what would be necessary to remedy the same. We granted that firm permission to do some sampling on McLean's property in the vicinity of the spill.

On March 19, 1991, we again wrote to you complaining that the situation had not been remedied and asked you to provide McLean evidence acceptable to it and its environmental advisors that the source of the contamination had been removed, that there was no longer any flow of contaminated substances onto its property, that there was no harmful contamination in the soil or ground water on McLean's property resulting from the spillage, that you had refilled and replaced the banks and boundaries between our property, and that you had replaced that portion of the fence which was removed to permit your work to proceed. These things have not been done.

We obtained from Engineering Techtonics, a copy of its soil and groundwater investigation dated May 24, 1991. On page 20 thereof, it states "It should also be noted that since February 1991, mineral spirits have stopped leaching into the excavation." We were amazed at this statement. The fact is, that the contaminating substance, continues to this date to flow through the bank. All one has to do is to look at it to see that this is the case and I hope you will do so. Moreover, with each rain, McLean's property gets an accelerated dose of the substance.

Once again, we are requesting that you take immediate action to see that the leaching of the contaminants through the bank and onto McLean's property be stopped, that you remove all of the contaminated soil from McLean's property and replace it with clean soil, that you restore the bank, and that you repair and replace the fence. With respect to the soil removal, it seems to us that it could be moved a short distance to your own property, since we understand that you are already landfarming some of your own soil as a result of this or other spills. In any case however, these matters must be taken care of without further delay.

Very truly yours,

HUTCHINS, TYNDALL, DOUGHTON & MOORE

Claude M. Hamrick

CMH:tp
cc: Mr. Tom Henson
Mr. Dave Barnes
Mr. Steve Johnson
Mr. Larry Coble

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27116 (919) 767-8807

March 22, 1991

Hutchins, Tyndall, Doughton & Moore
Post Office Drawer 614
Winston-Salem, North Carolina 27102

Attention: Mr. Claude M. Hamrick

Reference: Gardner Asphalt Environmental Investigation

Dear Mr. Hamrick:

In response to your letter dated March 19, 1991, we would like to address any concerns that you may have concerning the progress of this investigation and provide you with results of our findings on your property.

Since the discovery of the potential problem, on July 27, 1990, Gardner Asphalt has worked closely with the Division of Environmental Management's (DEM) Groundwater Section to provide a sound environmental investigation that ultimately will define the vertical and horizontal extent of any soil and groundwater contamination resulting from a mineral spirits release at their facility.

Shortly after July 27th, a representative from the DEM met with Gardner Asphalt to suggest that a private environmental consultant be hired to determine if the apparent contaminated water in the excavation was related to the mineral spirits spill. As a result of this meeting Engineering Tectonics, P.A., (ET) met with Gardner Asphalt on August 9, 1990, to assess the situation. ET submitted a proposal to Gardner Asphalt on August 15, 1990 to perform a preliminary environmental assessment to determine if the drainage emanating from the excavation was related to Gardner's mineral spirits spill. This was done to verify that Gardner was the responsible party. As a result, samples were collected on September 15, 1990 at the excavation and submitted to an EPA certified laboratory. The results of this investigation revealed that the drainage was of a mineral spirits source. A report of the findings was developed and submitted to the DEM on October 18, 1990. After review of

the report, representatives from Gardner, the DEM, and ET met at the site on November 7, 1990, to discuss the results and to determine an additional scope of work to define the extent of the contamination.

After gaining permission from the railroad and Mclean, ET initiated this second phase of investigation on January 14, 1991. Briefly, this included the installation of four monitoring wells within and downgradient of the suspected area of the spill. These wells were installed to determine if groundwater at the site has been impacted as a result of the spill. Additionally, eleven soil borings were advanced through the soil profile to determine the vertical and horizontal extent of any soil contamination at the site.

Currently, ET is tabulating the results of this investigation and anticipates having an environmental assessment report available to the DEM in approximately two to four weeks. This report will also suggest any future action that may be required to remediate any contamination above regulatory limits at the site. As you are aware, the results of our investigation became public knowledge at that time.

The data collected on McLean's property includes a groundwater sample from Monitoring Well MW-3. The groundwater sample was analyzed through EPA Method 624. This analysis is a quantification of the percentage amounts of a number of volatile priority pollutant organic compounds associated with mineral spirits. The groundwater monitoring well on your property (MW-3) contained 22 ppb chloroform, 1.7 ppb bromodichloro methane and 0.87 ppb methylene chloride which was also detected in the method blank sample. All other 624 constituents were below the 1.0 ppb detection limit.

If you have any additional questions concerning this investigation please feel free to contact me at 919-727-0063.

Sincerely,

ENGINEERING TECTONICS, P.A.

Kenneth B. Vanhoy

Kenneth B. Vanhoy
Project Geologist

KBV/jg

cc: Mr. S. Thomas Carrozza
Mr. Steve Weiss

Gardner Asphalt

State of North Carolina
Department of Environment, Health, and Natural Resources
Winston-Salem Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Margaret Plemmons Foster
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

December 27, 1990

Buddy Goolsby
P.O. Box 290
Springville, AL 35146

SUBJECT: MONITOR WELL CONSTRUCTION
PERMIT NO. 33-0407-WM-0157
FORSYTH COUNTY

Dear Mr. Goolsby:

In accordance with your application received December 17, 1990, we are forwarding herewith Monitor Well Construction Permit No. 33-0407-WM-0157 for the construction of five monitor wells in the Milton Belt Hydrogeologic Unit.

Henceforth, correspondence and data relating to these wells shall be designated Gardner Asphalt Corporation, including incident number or water quality number, if appropriate.

This Permit will be effective from the date of its issuance and shall be subject to the conditions and limitations as specified therein.

Sincerely,
Larry K. Lucas
Larry K. Lucas
Hydrogeological Regional
Supervisor

AMR/LDC/ahl
Enclosure
cc: Groundwater Section - Central Office
Forsyth County Health Department
Engineering Tectonics, P.A.
WSRO

8025 North Point Boulevard, Suite 100, Winston-Salem, N.C. 27106-3203 • Telephone 919-761-2351

NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

PERMIT FOR THE CONSTRUCTION OF

A MONITOR WELL OR WELL SYSTEM

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules, and Regulations.

PERMISSION IS HEREBY GRANTED TO

Gardner Asphalt Corporation

FOR THE CONSTRUCTION OF FIVE MONITOR WELLS in the Milton Belt Hydrogeologic unit located at 1664 Stadium Drive, Winston-Salem, North Carolina in Forsyth County in accordance with the application dated December 13, 1990, and in conformity with the specifications and supporting data, all of which are filed with the Department of Environment, Health and Natural Resources and are considered a part of this Permit.

This Permit is for well construction only, and does not waive any provisions or requirements or any other applicable laws or regulations.

Construction of a well under this Permit shall be in compliance with the North Carolina Well Construction Regulations and Standards, and any other laws and regulations pertaining to well construction.

This Permit will be effective from the date of its issuance until June 21, 1991, and shall be subject to other specified conditions, limitations or exceptions as follows:

1. A permanent identification plate with the date of construction, depth of well, screen interval, depth of grout, drilling contractor, and his registration number shall be attached to the well head or the outer protective steel casing.

2. The well construction completion form and all water quality data are to be submitted to the Central Office of the Groundwater Section P. O. Box 27687, Raleigh, North Carolina 27611.

3. All laboratory analysis of Groundwater samples collected from the permitted monitor wells are to be submitted to North Carolina Department of Environment, Health, and Natural Resources, Groundwater Section, P. O. Box 27687, Raleigh, N. C. 27611 with a copy to the North Carolina Department of Environment, Health and Natural Resources, Groundwater Section, 8025 North Point Boulevard, Suite 100, Winston-Salem, N. C. 27106 within 60 days of well completion, and quarterly thereafter.

4. All additional investigative findings in relation to the pollution sources being monitored, as indicated in item J of permit application, are to be submitted to North Carolina Department of Environment, Health and Natural Resources, Groundwater Section, P. O. Box 27687, Raleigh, N. C. 27611 with a copy to North Carolina Department of Environment, Health, and Natural Resources, Groundwater Section, 8025 North Point Boulevard, Suite 100, Winston-Salem, N. C. 27106 within 60 days of well completion, and quarterly thereafter.

5. The well shall be afforded a means of protection against vandalism, damage, or unauthorized use.

6. When any monitor well is no longer useful for its intended purpose, it shall be abandoned in compliance with North Carolina Administrative Code 15. 2C.0113 and a well abandonment form sent to the North Carolina Department of Environment, Health, and Natural Resources, Groundwater Section, P. O. Box 27687, Raleigh, N. C. 27611 with a copy to North Carolina Department of Environment, Health and Natural Resources, Groundwater Section, 8025 North Point Boulevard, Suite 100, Winston-Salem, N. C. 27106.

7. The monitor well shall be constructed in accordance with the Groundwater Section's recommended construction details as outlined in attachment #1.

8. A county monitor well construction permit shall be required by county health departments where applicable. In Forsyth County, contact Forsyth County Health Department, P.O. Box 2075, Winston-Salem, North Carolina 27102

Permit issued this the 27th day of December 1990

FOR THE NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Larry D. Coble

Larry D. Coble, Regional Supervisor
Division of Environmental Management

By Authority of the Environmental Management Commission

Permit No. 33-0407-WM-0157

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27106 (919) 767-8807

December 13, 1990

State of North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
Winston-Salem Regional Office
8025 North Point Blvd., Suite 100
Winston-Salem, NC 27106-3295

Attention: Mr. Chris Green

Reference: Application for Permit to Construction Monitoring Wells
Gardner Asphalt Corporation

Dear Mr. Green:

Attached please find an application for a permit to construct five monitoring wells at the Gardner Asphalt facility located at 1664 Stadium Drive here in Winston-Salem. Please process the permit as soon as possible so that we may promptly initiate the work.

Thank you for your assistance.

Sincerely,

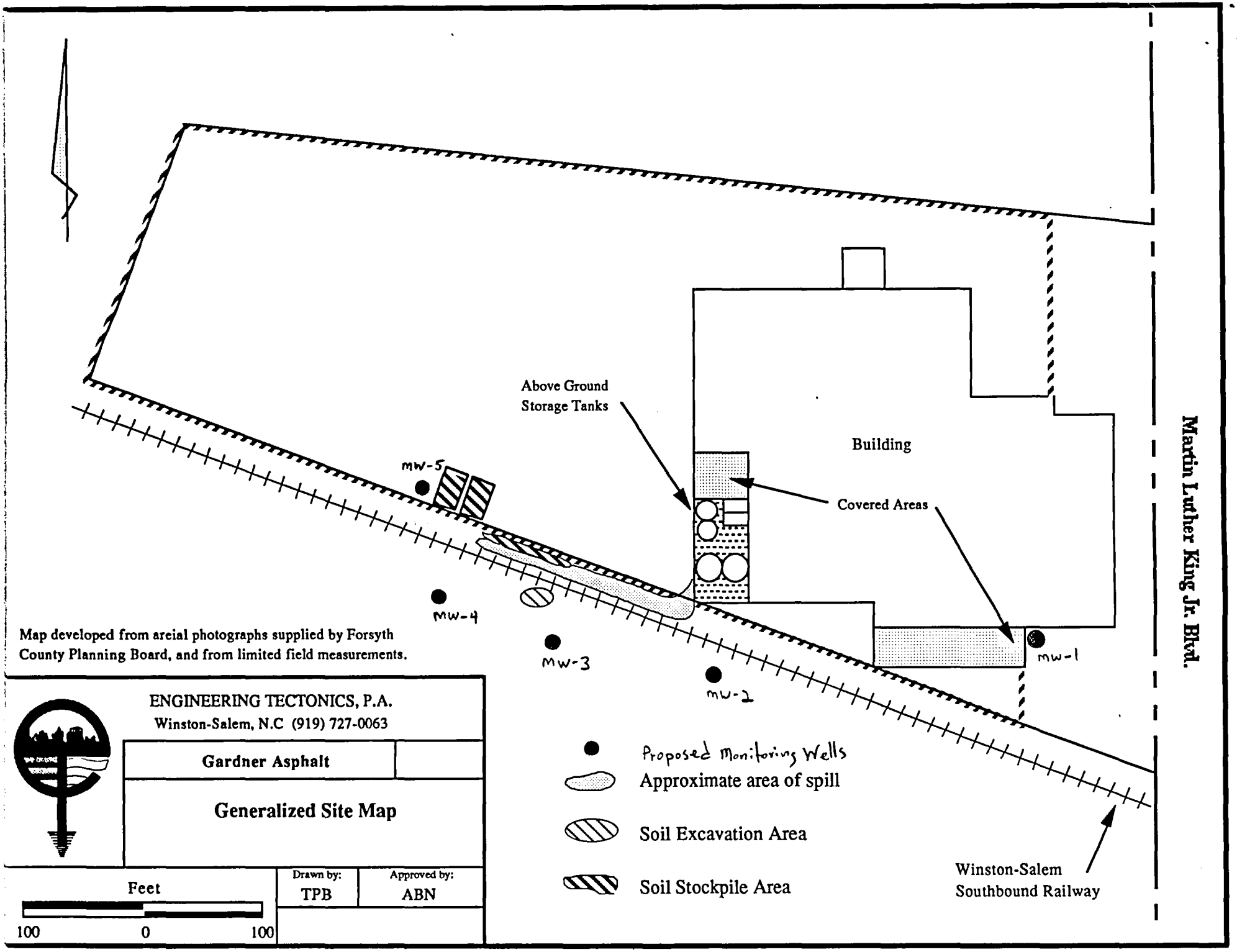
ENGINEERING TECTONICS, P.A.

Kenneth B. Vanhoy

Kenneth B. Vanhoy
Project Geologist

KBV/jg

attachment



Map developed from areial photographs supplied by Forsyth County Planning Board, and from limited field measurements.

ENGINEERING TECTONICS, P.A.
Winston-Salem, N.C (919) 727-0063

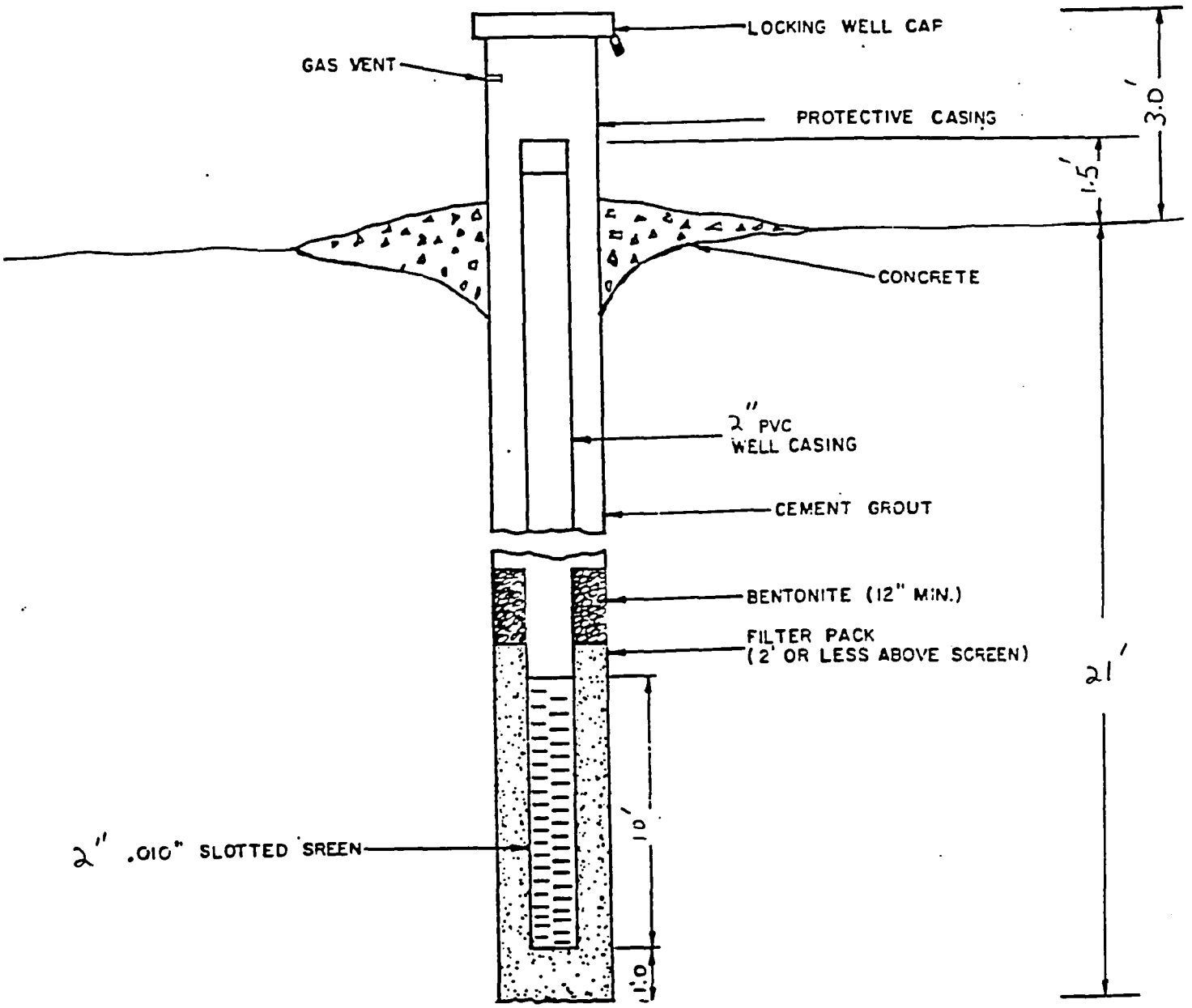
Gardner Asphalt

Generalized Site Map

Drawn by:	Approved by:
TPB	ABN

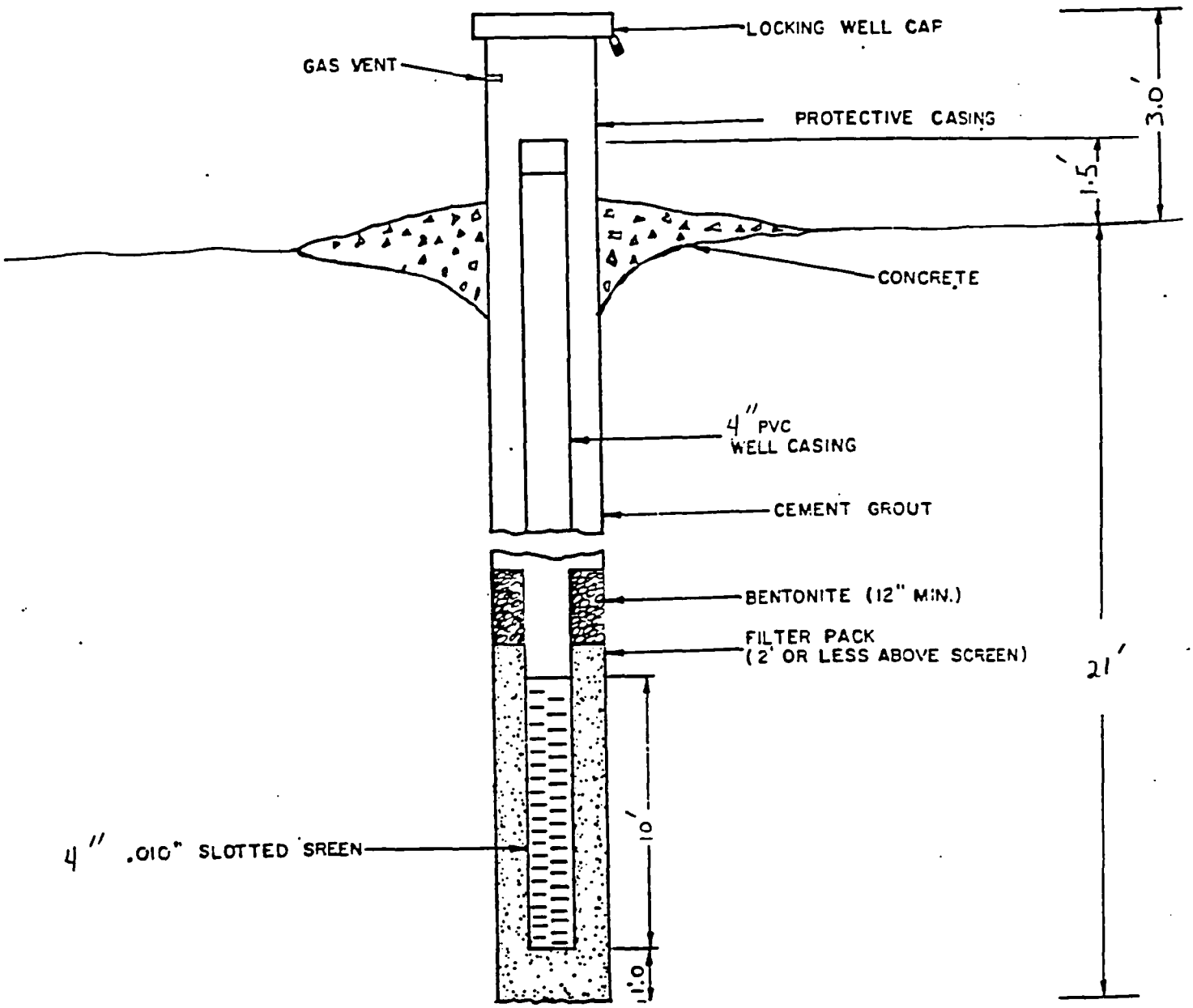
Feet

100 0 100



DETAIL OF MONITORING WELL # MW#1

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27106



DETAIL OF MONITORING WELL # MW2 thru MW5

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27106

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

APPLICATION FOR PERMIT TO CONSTRUCT MONITOR/RECOVERY WELL(S)

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 12-13, 19 90

Gentlemen:

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by Gardner Asphalt Corporation (name of well owner) for a permit to construct a monitor/recovery well(s) as described below and in the accompanying data submitted as a part of this application.

(a) Name of property owner: Gardner Asphalt Corporation Attn: Buddy Goolsby

(b) Location of property: 1664 Stadium Dr. (Road, Industry, Community, etc.) Winston-Salem (Town) Forsyth (County)

(c) Type of facility or site being monitored: Asphalt production facility

(d) Types of contamination being monitored or recovered: Mineral spirits

(e) Existing monitor well numbers: No

(f) Existing monitor wells showing contamination (well no.): N/A

(g) Estimated water-table depth: 15 feet

(h) Estimated date of construction: Begin 1-14-91 Complete 1-18-91

(i) Drilling constractor: Engineering Tectonics, P.A.

(j) Location of well: Provide a detailed map showing the location of the proposed well(s), and of any wells in an existing monitoring system (if applicable), in relation to the pollution source(s) being monitored and to at least two (2) nearby permanent reference points such as roads, intersections, and streams. Identify roads with State Highway road identification numbers. (Show all existing water supply wells within a radius of 1,000 feet of the proposed well.)

(k) Well construction diagram: Provide a diagram showing proposed construction specifications, including diameter, estimated depth, screens, sand pack, grout, type of materials, etc.

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit. As regulated under the Well Construction Standards (Title 15 - North Carolina Administrative Code, Subchapter 2C)

Mr. Buddy Goolsby
P.O. Box 290
Springville, AL 35146
(Mailing Address of Well Owner-Required)
Engineering Tectonics, P.A.
P.O. Box 11846, Winston-Salem, NC 27116
(Mailing Address of Agent-if other than above)

Kenneth B. Vanhoy
Signature of Well Owner or Agent

Project Geologist
Title (if applicable)

FOR OFFICE USE ONLY

PERMIT NO. _____ issued _____ 19___

GW-22B

Gardner Asphalt Corporation • P.O. Box 5449 • Tampa • FL 33675-5449 •
FAX No. 813-248-6768

1-800-237-1155.

FAX COVER SHEET

TO: MR. STEVE WEISS

FROM: TOM CARLOTTA
V.P. - OPERATIONS

DATE: DEC. 5, 1990

COVER PAGE PLUS: THREE (3)

COMMENTS: STEVE -
PLEASE LOOK OVER AND GIVE ME YOUR COMMENTS -- I'D APPRECIATE A CALL BACK TODAY IF POSSIBLE.
THANKS
TOM

IF YOU HAVE ANY PROBLEMS IN RECEIVING THIS FAX, PLEASE CALL US AT 813-248-2101.

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27106 (919) 767-8807

November 9, 1990

Gardner Asphalt
P.O. Box 290
Springville, AL 35146

Attention: Mr. Buddy Goolsby

Dear Mr. Goolsby:

In reference to our meeting at the Gardner Asphalt Plant in Winston-Salem, North Carolina, I am writing to outline the steps necessary to complete the investigation of soil and groundwater contamination at this facility.

We understand from our discussions with Mr. Steve Weiss of the North Carolina Department of Environment, Health and Natural Resources that a detailed investigation to determine the vertical and horizontal extent of soil and groundwater contamination resulting from a spill of mineral spirits will be required.

In order to complete this investigation, we plan to perform the following tasks:

1. Site Mapping - It will be necessary to develop a detailed map of the portion of the site including the railroad spur, the tank farm area and a portion of the McClean site to serve as a base for all investigations. This will be done by plane table methods based on existing air photography on file with the City/County Planning Department. All structures and pertinent items will be located and the site topography determined.

2. Groundwater Monitoring Well Installation - We plan to initially install 4-5 groundwater monitoring wells. One well will be located upgradient of the spill site and four will be located in an arc near the bank of the railroad. We will need to obtain permission from the McClean Trustees to install these wells since they will be located on their property. All wells except the upgradient well will be constructed of 4 inch diameter schedule 40 PVC casing and screens. The well construction will comply with all local, state and federal well construction standards. Well construction permits will be obtained from the Groundwater Section of the Department of Environmental Management prior to installation.

A field geologist will be onsite with our drill crews to install the wells. Proper methods for equipment decontamination will be adhered to in order to eliminate the possibility for cross contamination of samples. Following installation, each well will be developed using a surge block. After surging, the well will be pumped until the water is clear.

3. Well Sampling - Following construction and development, representative groundwater samples will be obtained according the USEPA protocols. The groundwater samples will be tested by a certified laboratory for volatile and semi-volatile compounds.

4. Soil Sampling and Testing - Soil samples will be obtained using standard spilt spoon methods. Samples will be screened in the field using a portable organic vapor analyzer to aid in determining additional sample points.

   At the present time, samples will be taken from at least the following points:

   1) Next to the tank farm in the fill area.

   2) Adjacent to the rail pump station.

   3) Along the axis of the ditch on the near side of the rail spur. (Taken at 25 foot intervals).

   4) From the stockpile inside the fence.

   5) From the discolored area between the drive and the fence.

   6) Along the far side of the railspur near the cut area.

   7) Inside the pit.

   8) Outside the pit on the McClean Property.

   The soil samples will be taken on 2.5 foot intervals until OVA readings are negative or groundwater is reached. All soil samples will be brought back to our laboratory for further screening.

   Up to three samples from each boring will be submitted to a certified laboratory to determine organic chemical content.

5. Preliminary Review and Evaluation - After the initial round of testing is completed, the data will be assimilated and maps of the extent of soil and groundwater contamination will be developed. A determination of the need for further testing will be made if the plume is not adequately delineated.

   We will meet with your representatives at this time to inform you of the status of the project.

6. Report - If additional investigation is warranted, it will be completed and a formal report of findings will be generated. A copy of the draft report will be forwarded for your review and approval. After your review, copies of the report will be forwarded to the regulatory agencies.

7. Remedial Action Plan - Following review of the investigation by the regulatory agencies, a remedial investigation/action plan will be developed. This document will outline methods, strategies and costs for cleaning the site to acceptable levels.

As you are aware, the railroad and the trucking company are quite concerned over this spill incident. We will work with you to minimize the legal and financial burden of compliance with the regulations and these third parties.

Please review the attached contract and forward one signed copy to us. We are ready to begin work and look forward to serving you.

Should you have questions, please contact me.

Very truly yours,

ENGINEERING TECTONICS, P.A.

A. Barry Nelson, P.G.
Vice President
Chief Hydrogeologist

ABN/jg

RE: Meeting w/
Engineering Tectonics
Barry Nelson, Ken VanHoy.
Gardner Asphalt,
Buddy Goolsby.
DEM GW Section
Steve Weiss.

Met at Gardner to discuss direction of further investigation.

Spoke in office, I said ET to continue level of investigation so far, Gardner is being cooperative.

Went to look at site.
(1) NW Bed graveled ditch, Dock area.
(2) Flood gate. On spill container.
(3) Trench cut by McClean trucking.
(4) Upgradient & downgradient well positions.

Fluid went into graveled ditch, hit gate, "penciled" it seems on fill/saprolite interface, and went diagonally downgradient to MacClenny Bank. ET will characterize.

COMMENTS.

1. DOCK AREA NEEDS CONCRETE SLAB & BERM.
2. ET SAID ~~THAT~~ IF RAP ~~ALL~~ AND RR ALLOWS CONTAMINATED ~~SOIL~~ GW TO BE DRAWN FR/ BENEATH TRACKS. THEN CAN USE RECOVERED LIQUID ~~TO~~ IN ASPHALT PROCESS. (MINERAL OIL, WATER MIXTURE). OK WITH ME.
3. LETTER, NOTICE OF VIOLATION WILL BE SENT OUT USING RESULTS FR MW WHETHER IT IS "TRUE" GROUNDWATER OR 'PERCHED' GW. WILL NOT USE SEEP SAMPLE AS GROUNDS FOR VIOLATIVE SUBSTANCE.

4. PAVING, PAVED YARD AREA NEEDS TO BE DESIGNED FOR DIRECTING ~~OFF~~ WASHOFF AND INDUSTRIAL WASTE TO OIL/GREASE SEPARATOR OR PRETREATMENT FACILITY.

5. ONE PILE OF BADLY CONTAMINATED SOIL WILL BE FARMED ON LOT. MINERAL OIL IS MID-RANGE AND WILL REMEDIATE FASTER THAN DIESEL.

LAW OFFICES
HUTCHINS, TYNDALL, DOUGHTON & MOORE
POST OFFICE DRAWER 514
WINSTON-SALEM, N. C. 27102
115 WEST THIRD STREET

FRED S. HUTCHINS, JR.
GEORGE E. DOUGHTON, JR.
THOMAS W. MOORE, JR.
RICHARD TYNDALL
RICHMOND W. RUCKER
H. LEE DAVIS, JR.
KENT L. HAMRICK
LAURIE L. HUTCHINS
MAUREEN T. ORBOCK
THOMAS J. DOUGHTON

COUNSEL TO THE FIRM
CLAUDE M. HAMRICK

ROY L. DEAL (1890-1983)
FRED S. HUTCHINS (1893-1977)
JOHN M. MINOR (1917-1974)

TELEPHONE
725-8385
TELECOPIER
723-8838
AREA CODE 919

October 18, 1990

Gardner Asphalt Corporation
1664 Martin Luther King, Jr. Drive
Winston-Salem, NC 27104

Attn: Mr. Don Barcak, General Manager

Dear Mr. Barcak:

It has now been some considerable period of time since we first reported to you the serious matter of the contaminated material draining from your plant onto the McLean property and demanded that it be contained and cleaned up. While we are aware that you caused some digging to be done and some soil removed, the fact is that the problem, instead of improving, has worsened. A substantial amount of the greasy contaminated fluid (whatever it is) collected in a gully on the McLean side of the fence and continues to flow. You had caused a small dirt and straw dam to be placed there to prevent it from further flowing onto the McLean property. However, last week during the heavy rains, the small dam, which had been containing the substance, broke and it spilled across its parking lot.

We, of course, cannot tell you how to remedy this situation, however, McLean has spent large sums to remedy contamination problems of its own and it does not intend to incur further expense because of the problems which has been created by your company. You are therefore again urged to take, at once, all steps necessary to stop this flow and to clean up this mess. As indicated earlier, we do expect you to respond to McLean for all damages that it incurs in this matter.

I am forwarding a copy of this letter to McLean's environmental consultant and to the local environmental officials who have previously been informed of this spill and its drainage onto McLean's property.

Very truly yours,

HUTCHINS, TYNDALL, DOUGHTON & MOORE

Claude M. Hamrick

CMH:jma

cc: Thomas B. Henson
Robinson, Bradshaw & Hinson
1900 Independence Center
101 North Tryon Street
Charlotte, NC 28246

David L. Barnes
McLean Trucking Company
P.O. Box 213
Winston-Salem, NC 27154

Larry Coble
Department of Environmental Health
and Resources
Suite 100, 8025 North Point Blvd.
Winston-Salem, NC 27106

Tom Sally
Department of Environmental Health
and Resources
Suite 100, 8025 North Point Blvd.
Winston-Salem, NC 27106

Jim Bryant
Freelance Environmental Services
5116 Sedge Brook Road
Kernersville, NC 27284

WINSTON-SALEM SOUTHBOUND RAILWAY COMPANY
P. O. BOX 205
WINSTON-SALEM, NORTH CAROLINA 27102

J. W. HAMILTON
ASSISTANT VICE PRESIDENT

September 11, 1990

Mr. Andrew Raring
State Department of Natural Resources
and Community Development
8025 North Point Boulevard
Winston-Salem, NC 27107

Dear Mr. Raring:

This is to confirm conversations in connection with my visiting your office, September 10, 1990, relative to environmental spills by Gardner Asphalt Company.

I understand that file covering the January 22, 1990, spill has been lost or misplaced, however should this file surface the Winston-Salem Southbound Railway request copy for record. Additionally, it was understood that this spill was cleaned up to the satisfaction of your office.

Believe you stated that you talked with Mr. Barcak of Gardner in July, outlining the things you needed, hence no violation was issued. This working arrangement is resulting in Engineering Tectonics, PA performing certain test for Gardner which ultimately will be filed with your office. Again, the Railway is requesting copies of all reports relating to this matter.

Yours very truly,

J. W. Hamilton

Assistant Vice President

jwh/pkp

(4)

ENGINEERING TECTONICS, P.A.
ENGINEERS • GEOLOGISTS • HYDROLOGISTS
P.O. Box 11846, Winston-Salem, NC 27116 (919) 767-8807

March 18, 1991

State of North Carolina
Dept. of Natural Resources & Community Development
Groundwater Section
P.O. Box 27687
Raleigh, NC 27611

Reference: Transmittal of Well Construction Records
Well Construction Permit 33-0407-WM-0157

Dear Sirs:

In compliance with the requirements of Well Construction Permit 33-0407-WM-0157, attached please find copies of well construction records related to the installation of Wells MW-2, MW-3, MW-4 and MW-5 at the Gardner Asphalt Corporation property located at 1664 Martin Luther King, Jr. Boulevard in Winston-Salem, North Carolina.

If there are any questions regarding the attached information, please contact the undersigned.

Sincerely,

ENGINEERING TECTONICS, P.A.

Kenneth B. Vanhoy

Kenneth B. Vanhoy
Project Geologist

KBV/jg

Attachments

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611, PHONE (919) 733-5083

FOR OFFICE USE ONLY
Quad. No. _____ Serial No. 29101
Lat. _____ Long. _____ Pc ____
Minor Basin _____
Basin Code _____
Header Ent. _____ GW-1 Ent. _____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR Engineering Tectonics, P.A.

DRILLER REGISTRATION NUMBER 835

STATE WELL CONSTRUCTION PERMIT NUMBER: 33-0407-WM-0157

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Winston-Salem
1664 Martin Luther King, Jr. Blvd.
(Road, Community, or Subdivision and Lot No.)

County: Forsyth

2. OWNER Gardner Asphalt
ADDRESS 4161 East 7th Avenue (Street or Route No.)
Tampa (City or Town) FL (State) 33605 (Zip Code)

3. DATE DRILLED 1-16-91 USE OF WELL Monitoring
4. TOTAL DEPTH 30.0' CUTTINGS COLLECTED ☒ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
6. STATIC WATER LEVEL: 23.5 FT. ☐ above ☒ below TOP OF CASING,
TOP OF CASING IS 1.6 FT. ABOVE LAND SURFACE.
7. YIELD (gpm): Low METHOD OF TEST Bail
8. WATER ZONES (depth): 23.5 to 30.0 ft.
9. CHLORINATION: Type None Amount _____

Depth From	Depth To	DRILLING LOG Formation Description
		See attached boring log.

If additional space is needed use back of form.

10. CASING:

	Depth			Diameter	Wall Thickness or Weight/Ft.	Material
From	0	To	20 Ft.	2"	.154	PVC
From		To	Ft.			
From		To	Ft.			

11. GROUT:

	Depth			Material	Method
From	0	To	16 Ft.	Portland Cement	
From	16	To	18 Ft.	Bentonite Seal	

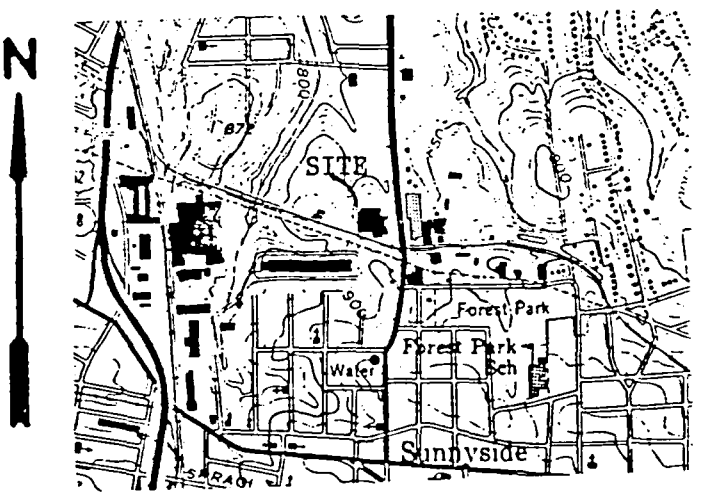
12. SCREEN:

	Depth			Diameter	Slot Size	Material
From	20	To	30 Ft.	2 in.	.010 in.	PVC
From		To	Ft.	in.	in.	
From		To	Ft.	in.	in.	

13. GRAVEL PACK:

	Depth			Size	Material
From	18	To	30 Ft.	.021	Clean Sand
From		To	Ft.		

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)



From USGS Quad, 1"=2,000 feet.

14. REMARKS: Monitoring Well #2

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Kenneth R. Kimbrough 3-18-91
SIGNATURE OF CONTRACTOR OR AGENT DATE

OWNER: Gardner Asphalt Corporation	BORING NUMBER: MW-2
PROJECT NAME: Gardner Asphalt	ARCHITECT-ENGINEER:
SITE LOCATION: Winston-Salem, NC	JOB. NO.: 90-316-E

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}: 1 2 3 4 5

PLASTIC LIMIT % X ---------- WATER CONTENTS % ⊕ ---------- LIQUID LIMIT % Δ

10 20 30 40 50

● STANDARD PENETRATION BLOWS/FT. 10 20 30 40 50

Casing Elevation 103.1

SURFACE ELEVATION 101.5

DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH FROM-TO	DESCRIPTION OF MATERIAL
				Topsoil
5	1	ss	5.0 6.5	SILT w/trace clay & mica, red, (ML). NOTE: Residual Soil/Saprolite.
10	2	ss	10.0 11.5	MICACEOUS SILT, gray, red, tan, (ML) NOTE: Residual Soil/Saprolite, manganese staining common at 25 to 26.5'.
15	3	ss	15.0 16.5	
20 ▽	4	ss	20.0 21.5	
25	5	ss	25.0 26.5	
30	6	ss	30.0 31.5	
				Boring Terminated at 31.5'.

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDRY LINES BETWEEN SOIL TYPES: IN-STU. THE TRANSITION MAY BE GRADUAL

WATER TABLE DATA — DEPTH BELOW SURFACE	BORING STARTED	BORING COMPLETED		
N/A @ 0 HRS.	1-16-91	1-16-91		
23.5' @ 1-24-91 HRS.	RIG B-57	FOREMAN D. Barron	APP'D BY KBV	AUGER 8" HSA

Below Casing

ENGINEERING TECTONICS, P. A.

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611, PHONE (919) 733-5083

FOR OFFICE USE ONLY
Quad. No. _____ Serial No. 12902
Lat. _____ Long. _____ Pc _____
Minor Basin _____
Basin Code _____
Header Ent. _____ GW-1 Ent. _____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR: Engineering Tectonics, P.A.
DRILLER REGISTRATION NUMBER: 835
STATE WELL CONSTRUCTION PERMIT NUMBER: 33-0407-WM-0157

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Winston-Salem
1664 Martin Luther King, Jr. Blvd.
(Road, Community, or Subdivision and Lot No.)

County: Forsyth

2. OWNER: Gardner Asphalt
ADDRESS: 4161 East 7th Avenue (Street or Route No.)
Tampa (City or Town) FL (State) 33605 (Zip Code)

3. DATE DRILLED: 1-15-91 USE OF WELL: Monitoring
4. TOTAL DEPTH: 13.0' CUTTINGS COLLECTED: ☒ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
6. STATIC WATER LEVEL: 6.6 FT. ☐ above ☒ below TOP OF CASING,
TOP OF CASING IS 1.8 FT. ABOVE LAND SURFACE.
7. YIELD (gpm): Low METHOD OF TEST: Bail
8. WATER ZONES (depth): 6.6 to 13.0 ft.
9. CHLORINATION: Type: None Amount: _____

Depth From	Depth To	DRILLING LOG Formation Description
		See attached boring log.

If additional space is needed use back of form.

10. CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0	3 Ft.	2"	.154	PVC
		Ft.			
		Ft.			

11. GROUT:

	Depth From	Depth To	Material	Method
	0	1 Ft.	Portland Cement	
	1	2 Ft.	Bentonite Seal	

12. SCREEN:

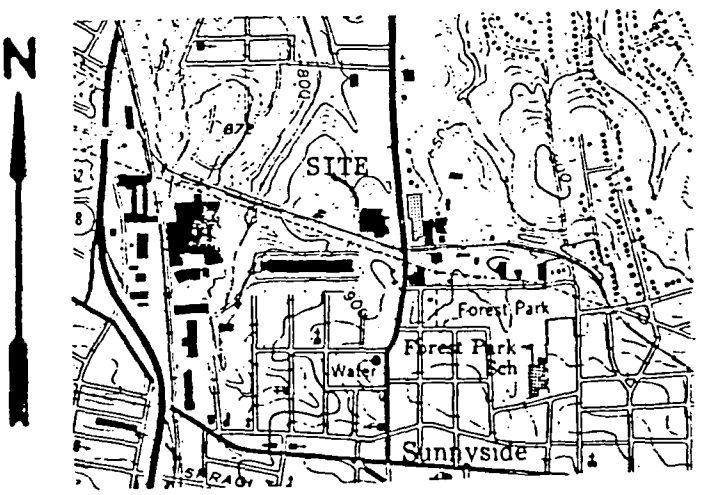
	Depth From	Depth To	Diameter	Slot Size	Material
	3	13 Ft.	2 in.	.010 in.	¼VC
		Ft.	in.	in.	
		Ft.	in.	in.	

13. GRAVEL PACK:

	Depth From	Depth To	Size	Material
	2	13 Ft.	.021	Clean Sand
		Ft.		

14. REMARKS: Monitoring Well #3

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)



From USGS Quad, 1"=2,000 feet.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Kenneth B Vanlandingham 3-12-91
SIGNATURE OF CONTRACTOR OR AGENT DATE

OWNER: Gardner Asphalt Corporation	BORING NUMBER: MW-3
PROJECT NAME: Gardner Asphalt	ARCHITECT-ENGINEER:
SITE LOCATION: Winston-Salem, NC	JOB. NO.: 90-316-E

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.^{2}: 1 2 3 4 5

PLASTIC LIMIT % X ---------- WATER CONTENTS % ⊕ ---------- LIQUID LIMIT % Δ: 10 20 30 40 50

● STANDARD PENETRATION BLOWS/FT.: 10 20 30 40 50

Casing Elevation 85.6

SURFACE ELEVATION 83.8

DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH FROM-TO	DESCRIPTION OF MATERIAL
5		ss	2.5 4.0	MICACEOUS SILT w/trace clay, brown, black, gray, red, (ML). NOTE: Residual Soil/Saprolite, some quartz rock fragments in the 5-6.5 sample.
		ss	5.0 6.5	
		ss	7.5 9.0	
10		ss	10.0 11.5	
				Auger Refusal at 13.0'.
15				
20				
25				
30				

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDRY LINES BETWEEN SOIL TYPES: IN-STU. THE TRANSITION MAY BE GRADUAL

WATER TABLE DATA — DEPTH BELOW SURFACE	BORING STARTED	BORING COMPLETED	
NA @ 0 HRS. 6.6 @ 1-24-91 HRS.	1-15-91	1-15-91	
	RIG B-57	FOREMAN D. Barron	APP'D BY KBV
			AUGER 8" HSA

Below Casing

ENGINEERING TECTONICS, P. A.

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611, PHONE (919) 733-5083

FOR OFFICE USE ONLY
Quad. No. _____ Serial No. 1291/03
Lat. _____ Long. _____ Pc ____
Minor Basin _____
Basin Code _____
Header Ent. _____ GW-1 Ent. _____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR Engineering Tectonics, P.A.

DRILLER REGISTRATION NUMBER 835

STATE WELL CONSTRUCTION PERMIT NUMBER: 33-0407-WM-0157

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Winston-Salem
1664 Martin Luther King, Jr. Blvd.
(Road, Community, or Subdivision and Lot No.)

County: Forsyth

2. OWNER Gardner Asphalt
ADDRESS 4161 East 7th Avenue (Street or Route No.)
Tampa (City or Town) FL (State) 33605 (Zip Code)

3. DATE DRILLED 1-16-91 USE OF WELL Monitoring
4. TOTAL DEPTH 27.5' CUTTINGS COLLECTED ☒ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
6. STATIC WATER LEVEL: 20.6 FT. ☐ above ☐ below TOP OF CASING,
TOP OF CASING IS 2.1 FT. ABOVE LAND SURFACE.
7. YIELD (gpm): Low METHOD OF TEST Bail
8. WATER ZONES (depth): 20.6' to 27.5'
9. CHLORINATION: Type None Amount _____

Depth From	Depth To	DRILLING LOG Formation Description
		See attached boring log.

If additional space is needed use back of form.

10. CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0	17.5 Ft.	2"	.154	PVC
		Ft.			
		Ft.			

11. GROUT:

	Depth From	Depth To	Material	Method
	0	13.5 Ft.	Portland	Cement
	13.5	15.5 Ft.	Bentonite	Seal

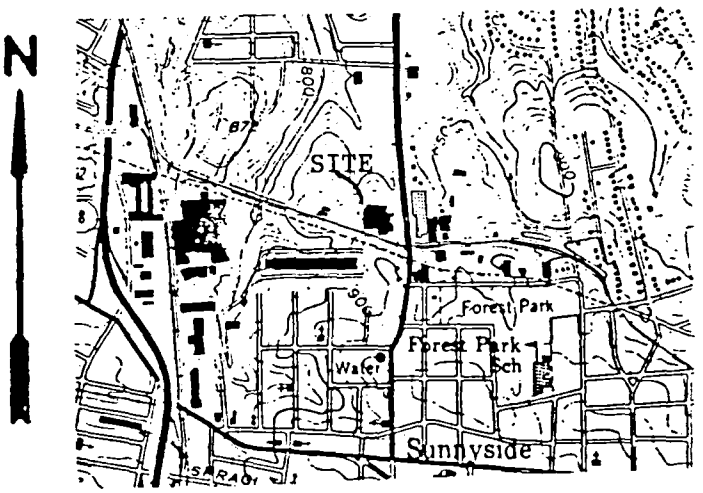
12. SCREEN:

	Depth From	Depth To	Diameter	Slot Size	Material
	17.5	27.5 Ft.	2 in.	.010 in.	PVC
		Ft.	in.	in.	
		Ft.	in.	in.	

13. GRAVEL PACK:

	Depth From	Depth To	Size	Material
	15.5	27.5 Ft.	.021	PVC
		Ft.		

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)



From USGS Quad, 1"=2,000 feet.

14. REMARKS: Monitoring Well #4

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Kenneth B. Ventress — 3-18-91
SIGNATURE OF CONTRACTOR OR AGENT — DATE

OWNER: Gardner Asphalt Corporation	BORING NUMBER: MW-4
PROJECT NAME: Gardner Asphalt	ARCHITECT-ENGINEER:
SITE LOCATION: Winston-Salem, NC	JOB. NO.: 90-316-E

Casing Elevation 99.9'
SURFACE ELEVATION 97.8'

DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH FROM-TO	DESCRIPTION OF MATERIAL	STANDARD PENETRATION BLOWS/FT.
				2.0 Feet Stone.	
	2	ss	2.5 4.0	CLAYEY SILT, reddish-tan, soft, (ML-CL). NOTE: Fill interbedded w/decayed organic matter.	8
5	3	ss	5.0 6.5	SILT w/little clay, w/trace mica, red, tan, firm, (MH-ML). NOTE: Fill.	14
	4	ss	7.5 9.0	MICACEOUS SILT, red, tan, soft to firm, (ML). NOTE: Residual Soil/ Saprolite.	11
10	5	ss	10.0 11.5		7
	6	ss	12.5 14.0	MICACEOUS SILT, gray, red, tan, firm (ML). NOTE: Residual Soil/Saprolite, approx. 3" qtz. seam at 17.5'.	18
15	7	ss	15.0 16.5		10
▽ 20	8	ss	20.0 21.5		13
25	9	ss	25.0 26.5		22
				Boring Terminated at 27.5'	
30					

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1 2 3 4 5)
PLASTIC LIMIT % (X) WATER CONTENTS % (⊕) LIQUID LIMIT % (Δ) (10 20 30 40 50)

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDRY LINES BETWEEN SOIL TYPES: IN-STU. THE TRANSITION MAY BE GRADUAL

WATER TABLE DATA — DEPTH BELOW SURFACE	BORING STARTED	BORING COMPLETED	
19.2' (BAR) @ 0 HRS. 20.64' @ 1-24-91 HRS. Below Casing	1-16-91	1-16-91	
	RIG B-57	FOREMAN D. Barron	APP'D BY KBV
			AUGER 8" HSA

ENGINEERING TECTONICS, P. A.

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611, PHONE (919) 733-5083

FOR OFFICE USE ONLY
Quad. No. _____ Serial No. 12904
Lat. _____ Long. _____ Pc ____
Minor Basin _____
Basin Code _____
Header Ent. _____ GW-1 Ent. _____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR Engineering Tectonics, P.A.

DRILLER REGISTRATION NUMBER 835

STATE WELL CONSTRUCTION PERMIT NUMBER: 33-0407-WM-0157

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Winston-Salem
1664 Martin Luther King, Jr. Blvd.
(Road, Community, or Subdivision and Lot No.)

County: Forsyth

2. OWNER Gardner Asphalt
ADDRESS 4161 East 7th Avenue (Street or Route No.)
Tampa (City or Town) FL (State) 33605 (Zip Code)

3. DATE DRILLED 1-16-91 USE OF WELL Monitoring
4. TOTAL DEPTH 26.5 CUTTINGS COLLECTED ☒ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
6. STATIC WATER LEVEL: 18.1 FT. ☐ above ☒ below TOP OF CASING,
TOP OF CASING IS 1.6 FT. ABOVE LAND SURFACE.
7. YIELD (gpm): Low METHOD OF TEST Bail
8. WATER ZONES (depth): 18.1 to 26.5 ft.
9. CHLORINATION: Type None Amount _____

DRILLING LOG

Depth From	Depth To	Formation Description
		See attached boring log.

If additional space is needed use back of form.

10. CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0	15 Ft.	2"	.154	PVC
		Ft.			
		Ft.			

11. GROUT:

	Depth From	Depth To	Material	Method
	0	11 Ft.	Portland	Cement
	11	13 Ft.	Bentonite Seal	

12. SCREEN:

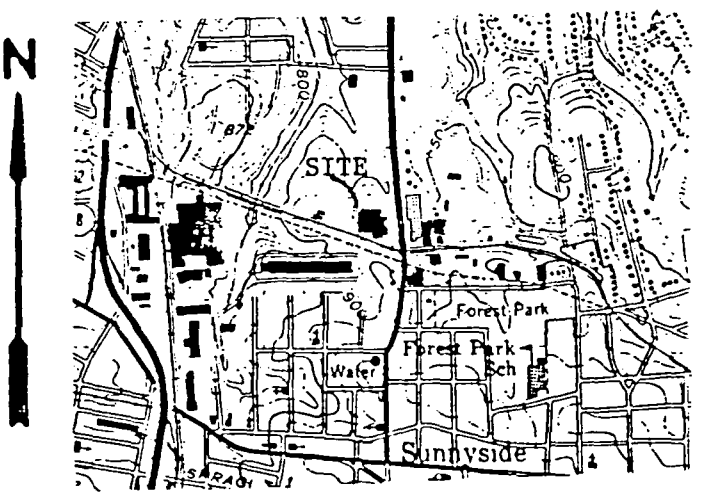
	Depth From	Depth To	Diameter	Slot Size	Material
	15	25 Ft.	2 in.	.010 in.	PVC
		Ft.	in.	in.	
		Ft.	in.	in.	

13. GRAVEL PACK:

	Depth From	Depth To	Size	Material
	13	26 Ft.	.021	PVC
		Ft.		

LOCATION SKETCH

(Show direction and distance from at least two State Roads, or other map reference points)



From USGS Quad, 1"=2,000 feet.

14. REMARKS: Monitoring Well #5

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Kenneth P. Vineberg 3-19-91
SIGNATURE OF CONTRACTOR OR AGENT DATE

OWNER	BORING NUMBER
Gardner Asphalt Corporation	MW-5
PROJECT NAME	**ARCHITECT-ENGINEER**
Gardner Asphalt	
SITE LOCATION	**JOB. NO.**
Winston-Salem, NC	90-316-E

UNCONFINED COMPRESSIVE STRENGTH TONS/FT.² (1, 2, 3, 4, 5)

PLASTIC LIMIT % (X) — WATER CONTENTS % (⊕) — LIQUID LIMIT % (Δ) (10, 20, 30, 40, 50)

● STANDARD PENETRATION BLOWS/FT. (10, 20, 30, 40, 50)

Casing Elevation 94.8'

SURFACE ELEVATION 93.2'

DEPTH IN FEET	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH FROM-TO	DESCRIPTION OF MATERIAL
				Stone.
	1	ss	2.5 4.0	CLAYEY SILT w/little sand & mica, bwn, red, tan, (ML-CL). NOTE: Fill interbedded w/some dk organic material.
5	2	ss	5.0 6.5	CLAYEY SILT w/trace sand, red, (MH-CL). NOTE: Residual Soil/Saprolite.
	3	ss	7.5 9.0	SILT w/little clay & mica, red, (ML) NOTE: Residual Soil/Saprolite.
10	4	ss	10.0 11.5	
	5	ss	12.5 14.0	MICACEOUS SILT, brown, red, tan, (ML). NOTE: Residual Soil/Saprolite.
15	6	ss	15.0 16.5	
▽	7	ss	17.5 19.0	
20	8	ss	20.0 21.5	
				SANDY MICACEOUS SILT, gray, (ML). NOTE: Saprolite.
25	9	ss	25.0 26.5	
				Boring Terminated at 26.5'.
30				

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDRY LINES BETWEEN SOIL TYPES: IN-STU. THE TRANSITION MAY BE GRADUAL

WATER TABLE DATA — DEPTH BELOW SURFACE	BORING STARTED		BORING COMPLETED	
NA @ 0 HRS.	1-16-91		1-16-91	
18.1 @ 1-24-91 HRS.	RIG B-57	FOREMAN D. Barron	APP'D BY KBV	AUGER 8" HSA
Below casing				

ENGINEERING TECTONICS, P. A.

MEMO

DATE: 8/2

TO:

SUBJECT:

Gardner Asphalt / Jeff Fritts
1664 Martin Luther King

soil being excavated
no intention to put in monitor well
(Jeff recently inspected)
Jim Bryant, working at McLean's trucking, had noticed problem, reported it to man at Gardner. Gardner called Jeff.
Solvents Spill - unload from railroad tank car used in cleaning. "Mineral spirits"

DON BARCAK 784-8924

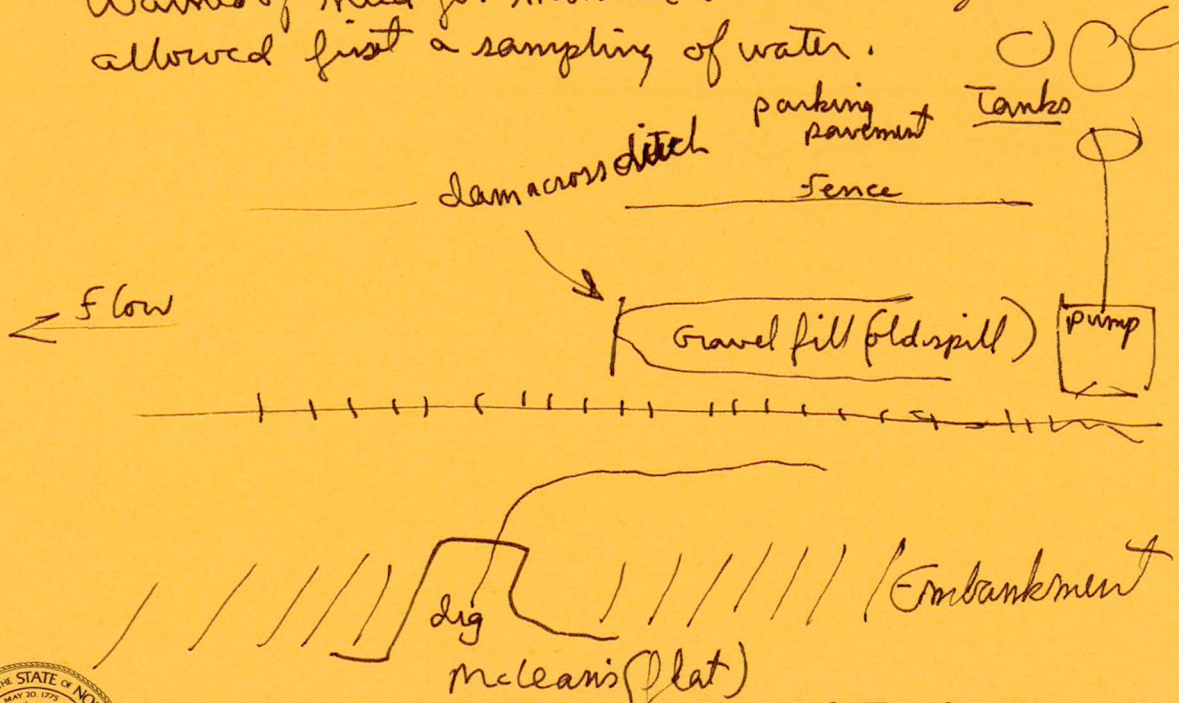
Emergency Mngt or us - neither had record January spill - may not have reported
Sanitary Sewer manhole nearby - may have travelled along pipe.

MEMO

DATE: 8/2

TO: Site Visit/Gardner SUBJECT: with J. Fritts

Joyner is contractor; excavated from McLean's property into hillside (embankment) with RR trax on top. Ditch had spirits in bottom - this was target of dig. Hillside oozing water from new cut.
Warned of need for monitor wells investigation but allowed first a sampling of water.



North Carolina Department of Environment, Health, and Natural Resources

MEMO

DATE: 9-28-90

TO: File

SUBJECT: Gardner Asphalt

Visited McLean trucking with Tom Salley; met with Jim Bryan - review of his efforts to clean-up that site. While there, visited back corned, the Gardner Pit. dug by Joyner Black Petroleum liquid on surface of impounded water. Pipe through moat removes water from below surface, leaving Mineral Spirits. Hillside at head of excavation is oozing water at impressive rate. Problem discovered in July at base of excavated slope. When Joyner dug this trench back into slope, removed the 1st seep. Gardner needs to provide data / Needs PIRF

From: GR

North Carolina Department of Environment, Health, and Natural Resources

Gardner Asphalt Corporation
1664 Martin Luther King Jr. Drive • Winston-Salem, NC 27117 • (919) 784-8924

February 7, 1990

Larry D. Coble
Regional Supervisor
Div. of Environmental Management
Winston-Salem

Dear Mr. Coble:

In regards to our mineral spirits spill on January 22, 1990, I have removed the contaminated spill from the berm area and replaced with clean gravel.

I've placed the contaminated soil on large plastic sheets to dry out. With all the rain we are getting at this time of year I do not know when the soil will be completely dried out.

Sincerely,

Jack A. Foster

Jack A. Foster
Plant Manager
Gardner Asphalt Corp.